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FINANCING OF THE UNITED NATIONS
TRANSITIONAL AUTHORITY IN CAMBODIA

Report of the Secretary-General

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I. INTRODUCTION

1. By its resolution 717 (1991) of 16 October 1991, the Security Council decided to establish, under its authority, a United Nations Advance Mission in Cambodia (UNAMIC) immediately after the signing of the Agreements on a Comprehensive Political Settlement of the Cambodia Conflict (hereinafter referred to as the Agreements) and in accordance with the report of the Secretary-General dated 30 September 1991. ^{1/} In his report, the Secretary-General indicated that the duration of the Mission's mandate would extend from the signature of the Agreements until the establishment of the United Nations Transitional Authority in Cambodia (UNTAC) by the Security Council and the adoption of its budget by the General Assembly.

2. UNAMIC became operational on 1 November 1991 and its mandate was expanded by the Security Council in its resolution 728 (1992) of 8 January 1992 to include training in mine-clearance and the initiation of a mine-clearance programme, as required, for the effective implementation of the Agreements.

3. By its resolution 745 (1992) of 28 February 1992, the Security Council approved the report of the Secretary-General of 19 February 1992 ^{2/} containing the plan for implementing the

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mandate envisaged in the Agreements. By the same resolution, the Council decided to establish UNTAC under its authority, in accordance with the report of the Secretary-General ^{2/} for a period not to exceed eighteen months. The Security Council also requested the Secretary-General, inter alia, to report to the Council by 1 June 1992 and subsequently in September 1992, January 1993, and April 1993 on progress to date in the implementation of its resolution 745 (1992) and on tasks still to be performed, with particular regard to the most effective and efficient use of resources.

4. The arrival in Phnom Penh on 15 March 1992 of the Special Representative of the Secretary-General marked the initial deployment of UNTAC which thereupon absorbed UNAMIC.

5. On the basis of the Secretary-General's visit to Cambodia from 18 to 20 April 1992, the first progress report was submitted to the Security Council on 1 May 1992. ^{3/} Details on progress achieved as of this date and tasks still to be performed by each component are described in paragraphs 11 to 43 of the report.

6. In accordance with annex 2, article I, paragraph 1 of the Agreements, all Cambodian Parties agree to observe a comprehensive cease-fire on land and water and in the air. This

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cease-fire would be observed with the assistance of the Secretary-General through his good offices. During the second phase, the cease-fire would be supervised, monitored and verified by UNTAC. The Commander of the military component of UNTAC, in consultation with the Parties, would determine the exact time and date at which the second phase would commence.

7. The first phase entered into effect with the signing of the Agreements on 23 October 1991 and the good offices mechanism provided in the Agreements had been in place since November 1991, when UNAMIC was deployed.

8. On 9 May 1992, the Commander of the military component of UNTAC announced that phase II of the ceasefire would begin on 13 June 1992.

9. In order to draw to the attention of the Security Council certain difficulties encountered by UNTAC in the implementation of the Agreements, a special report on UNTAC was submitted by the Secretary-General on 12 June 1992 ^{4/} so that the Council could consider what action it might appropriately take to ensure that UNTAC received the co-operation it needed and, in particular, that the timetable for implementation was adhered to. In the report, it was noted, inter alia, that one party had still failed

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to comply with the Agreements and had refused to canton any of its forces.

10. On the same day, the President of the Security Council, following consultations among members of the Council, made a statement stressing the need for the second phase of the military arrangements to begin on 13 June 1992 and urged the Secretary-General to accelerate the deployment of the full UNTAC peace-keeping force to Cambodia and within the country. ^{5/}

11. A second special report on UNTAC was presented by the Secretary-General to the Security Council on 14 July 1992. ^{6/} As indicated in the report, phase II commenced as scheduled on 13 June 1992. Three of the four parties had shown willingness to participate in the regroupment and cantonment process.

12. By its resolution 766 (1992) of 21 July 1992, the Security Council approved the efforts of the Secretary-General and his Special Representative to continue to implement the Agreements despite the difficulties. By the same resolution the Council invited the Secretary-General and his Special Representative to accelerate the deployment of UNTAC's civilian components, especially the component mandated to supervise or control the existing administrative structures. The Council also requested

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the Secretary-General and his Special Representative to ensure that international assistance to the rehabilitation and reconstruction of Cambodia only benefits the parties which are fulfilling their obligations under the Paris Agreements and cooperating fully with UNTAC. Pursuant to paragraph 10 of resolution 745 (1992), the second progress report on UNTAC was submitted by the Secretary-General to the Security Council on 21 September 1992 ^{I/}.

13. The Security Council, by its resolution 783 (1992) of 13 October 1992, approved the second progress report of the Secretary-General (S/24578).

14. In operative paragraph 2 of the same resolution, the Council, confirmed that, in conformity with paragraph 66 of the report ^{I/}, the electoral process should be carried out in accordance with the timetable laid down in the implementation plan and that the election for a constituent assembly would be held no later than May 1993.

15. In operative paragraph 3 of the same resolution, the Council supported the intention of the Secretary-General, expressed in paragraph 67 of his report ^{I/} concerning the increase in the number of checkpoints in the country and along its borders with

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neighbouring countries, as well as appropriate modifications in the manning of those checkpoints.

16. In operative paragraph 9 of the same resolution, the Council emphasized the importance of the elections to be held in a neutral political environment and encouraged the Secretary-General and his Special Representative to continue their efforts to create such an environment. In that context, the Council requested that the UNTAC radio broadcast facility be established without delay and with access to the whole territory of Cambodia.

17. In operative paragraph 10 of the same resolution, the Council encouraged the Secretary-General and his Special Representative to make use fully of all possibilities offered by UNTAC's mandate to enhance the effectiveness of existing civil police in resolving the growing problems relating to the maintenance of law and order in Cambodia.

18. Pursuant to paragraph 14 of resolution 783 (1992), the report of the Secretary-General on the implementation of this resolution was submitted to the Security Council on 15 November 1992 ^{8/}. The report also contained a brief overview of main developments in Cambodia since the second progress report dated

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21 September 1992 (S/24578).

19. Paragraph 2 of the report (S/24800) provides details on the commendable, yet unsuccessful efforts undertaken successively by the Governments of Japan and Thailand and by the Co-Chairman of the Paris Conference to convince the PDK to fulfil its obligations under the Agreements.

20. As invited under paragraph 13 of the same resolution, the Secretary-General requested the Co-Chairman of the Paris Conference to undertake appropriate consultations with a view to implementing fully the peace process. During the consultations held in Beijing, it became clear that the PDK was "still not prepared to cooperate in the further implementation of the Paris Agreements". Furthermore, PDK also indicated its intention "not to take part in the electoral process and in the subsequent elections, so long as a neutral political condition was not ensured.

21. In a declaration released after the Beijing consultations, the Co-Chairman considered, inter alia, that PDK non-compliance with phase II of the cease-fire required an adjustment of the implementation plan, particularly as regards the activities of the military component of UNTAC.

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22. In paragraphs 24 and 25 of the report (S/24800), the Secretary-General recommends possible courses of actions and/or decisions that the Security Council might wish to consider to avoid a paralysis of the peace process.

23. In paragraph 26 of the same report (S/24800), the Secretary-General concurs with the Co-Chairman of the Paris Conference that the implementation of the peace process must continue and that the timetable, leading to the holding of free and fair elections no later than May 1993, must be maintained.

24. It is recalled that by its resolutions 46/198 A of 20 December 1991 and 46/198 B of 14 February 1992, the General Assembly appropriated \$14,319,200 and \$19,257,000, respectively, for UNAMIC. It is further recalled that by its resolution 46/222 A of 14 February 1992, the Assembly appropriated \$200,000,000 for the initial phase of UNTAC's deployment. In addition to the amounts previously appropriated, the Assembly, by its resolution 46/222 B of 22 May 1992, appropriated an amount of \$606,000,000 for the operation in Cambodia (UNAMIC and UNTAC) through 31 October 1992.

25. UNAMIC had been absorbed into UNTAC as of 15 March 1992. By its resolution 46/222 B, the General Assembly also requested the

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Secretary-General, inter alia, to submit to the Assembly, no later than at its forty-seventh session, a report on such additional requirements as may be necessary and to include in the report detailed and up-to-date information on the performance of UNTAC. The present report is submitted in accordance with that request.

II. STATUS OF ASSESSED CONTRIBUTIONS

26. Table 1 below summarizes the status of assessed contributions, received and unpaid as at 31 October 1992. As shown, total outstanding assessments of \$215,863,300 are due from Member States for UNAMIC (\$4,935,000) and for UNTAC (\$210,928,300).

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Table 1

Status of contributions as at 31 October 1992
(in thousands of United States dollars)

	UNAMIC	UNTAC	
	1 November to	To	
	<u>30 April 1992</u>	<u>31 October 1992</u>	<u>Total</u>
1. Amounts			
appropriated	33 576.2	806 000.0	839 576.2
2. Less: Applied			
credits <u>a/</u>	<u>(281.8)</u>	<u>(4 176.8)</u>	<u>(4 458.6)</u>
3. Amounts			
apportioned	33 294.4	801 823.2	835 117.6
4. Less: Payments			
received	<u>28 359.4</u>	<u>590 894.9</u>	<u>619 254.3</u>
5. Balance due	<u>4 935.0</u>	<u>210 928.3</u>	<u>215 863.3</u>

a/ Based on the distribution of the estimated income from staff assessment.

III. VOLUNTARY CONTRIBUTIONS

27. In paragraph 13 of resolution 46/222 B, the General Assembly invited Member States to make voluntary contributions to UNTAC

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both in cash and in the form of services and supplies acceptable to the Secretary-General. For the period under review, voluntary contributions in the form of services and supplies, were donated by Governments as follows:

Government	Description	Estimated Value (US \$)
France	Use of 3 medium transport aircraft (59 plane/months) and use of 6 utility helicopters (122 helicopter/months).	29,900,000
Japan	<p>Items received: 285 sets - color television 300 sets - video tape recorder emergency health kits</p> <p>Items offered: 5 sets - colour television 5 sets - video tape recorder 200 sets - portable generator 1 set (354 pieces) - spare parts for portable generator</p>	Value currently undetermined
Switzerland	Will continue to make available air ambulance service for the repatriation of those wounded or taken ill in the performance of their duties as and when required.	This service was not utilized during the period under review
USA	1,500,000 meals ready to eat (MRE)	570,000

The above services and supplies were not budgeted for.

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28. The Secretary-General hereby appeals once again to Member States to consider making available voluntary contributions in cash and in kind in support of the continuing operation of UNTAC.

IV. STATUS OF REIMBURSEMENTS
TO TROOP-CONTRIBUTING STATES

29. Troops are currently being provided to UNTAC by 20 Governments, namely Bangladesh, Bulgaria, Canada, Chile, China, France, Germany, Ghana, India, Indonesia, Japan, Malaysia, the Netherlands, New Zealand, Pakistan, Philippines, Poland, Thailand, Tunisia and Uruguay.

30. Full reimbursement in accordance with standard rates of reimbursement have been made to those Governments up to the period ending 30 September 1992.

V. FINANCIAL PERFORMANCE REPORT ON THE
UNITED NATIONS TRANSITIONAL AUTHORITY
IN CAMBODIA FOR THE PERIOD FROM
1 NOVEMBER 1991 THROUGH 31 OCTOBER 1992

31. Annex I sets out by budget-line the appropriations provided for the combined operations, UNAMIC and UNTAC, as well as the

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revised apportionment thereof, for the period from 1 November 1991 to 31 October 1992. Supplementary information thereon is provided in annex II. As summarized in the annex, the revised apportionment will amount to \$677,215,400 gross, (\$672,215,300 net). Of these, the amount of \$20,023,200 gross (\$19,777,200 net) relates specifically to UNAMIC as indicated in the earlier report of the Secretary-General on the financing of UNAMIC and UNTAC. 2/

32. It may be noted that there is an unencumbered balance of \$162,345,800 gross (\$160,941,000 net) in respect of this period.

33. Of the unencumbered balance, \$81,255,200 relates to premises and accommodation. The urgent need during the formation stage of UNTAC to provide office, warehouse and workshop space was adequately met through rented facilities. The immediate availability of these facilities, coupled with the expected long, lead-time for delivery of pre-fabricated building units made rental the preferred, more economical solution, at least as short-term arrangements.

34. The late deployment of military contingents accounts for the unencumbered balance of \$23,780,100 in standard troop costs, welfare leave allowance, rations, daily allowance and travel

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expenses.

35. The savings of \$10,577,800 under international and local staff were attributable to the delay with which the aforementioned staff came on board.

36. Savings in air and surface freight of \$26,758,800 were due to the lower than anticipated cost of this line item.

37. It may be recalled that the implementation plan for UNTAC (S/23613) called for the phasing out of 6 battalions after September 1992, when the process of regroupment, cantonment and disarmament of the forces of the four Cambodian parties and the demilitarization of at least 70 per cent of each of them was to have been completed. The original estimates have been drawn up on that basis.

38. As indicated in paragraph 31 of the recent report of the Secretary-General on the implementation of Security Council resolution 783 (1992) (S/24800), the reduction in the strength of the military component as envisaged in the implementation plan (S/23613) would no longer be feasible. Accordingly, it was proposed that its present level of deployment be maintained until the elections.

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39. The performance report for the period from 1 November 1991 to 31 October 1992 takes into consideration this adjustment to the implementation plan.

40. Progress achieved by each component of UNTAC as detailed in the first progress report, ^{3/} the second special report, ^{6/} and the second progress report ^{7/} of the Secretary-General to the Security Council, are summarized below:

1. Human rights component

41. UNTAC has established a quick-response mechanism for investigating alleged human rights violations, composed of members of the human rights, civil administration and police components, as appropriate. In this connection, more than 100 cases of human rights investigations have been carried out by the human rights component.

42. In April, the component commenced its first training programmes for UNTAC police monitors and has subsequently included United Nations Volunteers. In addition, training sessions for local organizations, teachers, school administrators and others have been organized.

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43. As of 18 September, human rights officers had been deployed in 15 of the 21 provinces.

2. Electoral component

44. The Special Representative presented the draft electoral law drawn up by UNTAC to the Supreme National Council (SNC) at its meeting on 1 April 1992. It was adopted by the SNC on 5 August and was promulgated on 12 August.

45. Initial work on the compilation of socio-demographic and cartographic data required for the detailed planning of the election process has been undertaken by the Advance Election Planning Unit, which was established in late 1991 and has now been integrated with the electoral component of UNTAC. The unit has completed initial visits to 19 of 21 provinces in Cambodia.

46. The electoral component has deployed some 150 international staff at UNTAC headquarters and in the provinces. The 400 United Nations Volunteers have been almost fully deployed to the district level.

47. The provisional registration of political parties began on 15 August, with the necessary documentation prepared by UNTAC.

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48. Voter registration began on 5 October 1992 in Phnom Penh. About a million Cambodians, or almost a quarter of the estimated 4.5 million qualified to do so, have now been duly registered.

3. Military component

49. As of the end of April, the total number of troops deployed within Cambodia was 3,694. By July, the number had increased to some 14,300 troops. The military component is now almost fully deployed at just below its projected strength of 15,900, with 12 infantry battalions, military observers, engineer, signals, naval, air and other elements, totalling about 15,100, all ranks.

50. The component has established nine check-points on Cambodia's border with Vietnam, two on the border with the Lao People's Democratic Republic and seven on that with Thailand. Check-points have also been established at the airports and at the port of Sihanoukville, as well as on major routes within the country. In accordance with paragraph 3 of Council resolution 783 (1992), UNTAC has drawn up plans to strengthen border controls.

51. Progress has been made in the establishment of regroupment and cantonment areas. While a total of 52 cantonment areas were

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envisaged in the plan, following discussions with the Cambodian parties, it has been agreed to establish a total of 55 cantonment areas.

52. As of 10 July, the total number of troops cantoned by the three co-operating Cambodian parties was 13,512. A breakdown of the number of troops cantoned by each party is listed in paragraph 3 of the second special report of the Secretary-General. ^{6/}

53. By 10 September UNTAC had cantoned more than 50,000 troops, a breakdown of which is listed in paragraph 22 of the second progress report of the Secretary-General. ^{7/} By November, some 55,000 troops of the three participating factions have entered the cantonment sites and handed over their weapons. Some 40,000 of them were subsequently released, subject to recall by UNTAC, on agricultural leave.

54. UNTAC has also deployed 6 mine-clearing training teams which continue to train members of the Cambodian parties in mine-clearance. Eleven mine-clearance training centres have been established and some 850 soldiers have now been fully trained. About 350 are currently employed by UNTAC in mine-clearance activities.

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4. Civil administration component

55. Over 800 members of the civil administration component - some 200 international and 600 locally-recruited staff - have been deployed.

56. On 1 July, the component began to exercise full control over the five key areas in the Phnom Penh administration, as specified in the Agreements: foreign affairs, national defence, public security, finance and information.

57. In Phnom Penh, between one and three civil administration personnel are currently deployed in the ministries of defence, national security, foreign affairs, consular affairs and finance and in the national bank.

58. In the area of information, the Director of the Information/Education Division of UNTAC has established a Media Working Group composed of representatives of the Cambodian parties on 10 June. The Division has presented the Working Group with a draft media charter which was prepared in cooperation with the human rights component.

59. By 155 July, UNTAC civil administration offices had been established in all 21 provinces.

5. Police component

60. As of the end of April, a total of 193 civilian police monitors had arrived in Cambodia, increasing to a total of 1,780 by July. To date, some 3,146 police officers have been deployed throughout the country to supervise the fair and impartial enforcement of law and order.

6. Repatriation component

61. Repatriation of Cambodians began on 30 March 1992. As of the end of April, a total of 5,763 persons had returned, increasing to a total of 50,000 by July. To date, some 181,000 Cambodian refugees and displaced persons have returned to their country under the auspices of UNTAC's Repatriation component, with the United Nations High Commissioner for Refugees (UNHCR) acting as the lead agency.

7. Rehabilitation component

62. On 20 April 1992, the Secretary-General formally launched the appeal to the international donor community to provide \$593 million to Cambodians.

63. The Ministerial Conference on the Rehabilitation and Reconstruction of Cambodia, held in Tokyo on 22 June 1992, resulted in pledges of \$880 million, which was in excess of the \$593 million called for in the appeal.

VI. REQUIREMENTS OF THE UNITED NATIONS
TRANSITIONAL AUTHORITY IN CAMBODIA
FROM 1 NOVEMBER 1992 TO 31 JULY 1993

64. The requirements for the remaining nine-month period from 1 November 1992 to 31 July 1993 amount to \$925,802,500 gross (\$906,632,100 net). The estimates are presented in annex III with supplementary information thereon in annex IV. The requirements for the six-month period from 1 November 1992 to 30 April 1993 and for the remaining three-month period, including repatriation costs, are shown separately. The proposed civilian staffing table is shown in annex VII.

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VII. REVISED COST ESTIMATES OF THE UNITED
NATIONS TRANSITIONAL AUTHORITY IN
CAMBODIA FOR THE PERIOD FROM
1 NOVEMBER 1991 TO 31 JULY 1993

65. The revised cost estimates for UNTAC for the period from 1 November 1991 to 31 July 1993 amount to \$1,603,018,000 gross (\$1,578,847,500 net) representing a reduction of \$118,578,700 gross (\$120,665,100 net) from the initial cost estimates presented in document A/46/903. The revised cost estimates are presented in annex V, with supplementary information thereon in annex VI.

VIII. OBSERVATIONS

66. It may be recalled that in the second progress report of the Secretary-General (S/24578), the proposal for holding an election to designate a Cambodian head of state on the basis of direct universal suffrage, was examined. The Secretary-General has noted the Co-Chairman's views on this matter and shares his assessment that the holding of a presidential election would contribute to the process of national reconciliation and help to reinforce the climate of stability which will be needed during the delicate period when the Constitutional Assembly will have

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the task of drafting and adopting the new Cambodian constitution.

67. The Special Representative has therefore been requested to make contingency plans for the organization and conduct of such an election by UNTAC, on the understanding that it would require, in due course, the authorization of the Security Council and the provision of additional resources.

IX. ACTION TO BE TAKEN BY THE GENERAL
ASSEMBLY AT ITS FORTY-SEVENTH SESSION

68. The action that would appear to be required in connection with the financing of UNTAC are as follows:

(a) An appropriation of an amount of \$633,961,200 gross (\$620,808,500 net) for the continued operation of UNTAC for the period from 1 November 1992 to 30 April 1993 and for the apportionment thereof;

(b) A decision, that the unencumbered balance of \$162,345,800 gross (\$160,941,000 net) in respect of the period from 1 November 1991 to 31 October 1992, be credited to Member States against their assessments in respect of the period beginning 1 November 1992.

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(c) An authorization in the amount of \$291,841,300 gross (\$285,823,600 net) for the continued operation of UNTAC for the period from 1 May to 31 July 1993, subject to the concurrence of the Advisory Committee on Administrative and Budgetary Questions as to the exact level of commitments to be entered into for that period, and for the apportionment thereof.

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Notes

- 1/ S/23097 and Add.1.
- 2/ S/23613.
- 3/ S/23870.
- 4/ S/24090.
- 5/ S/24091.
- 6/ S/24286.
- 7/ S/24578.
- 8/ S/24800.
- 9/ A/46/903.

ANNEX I

United Nations Transitional Authority in Cambodia (UNTAC)

Financial performance report for the period
from 1 November 1991 to 31 October 1992

Summary statement

(In thousands of United States dollars)

	<u>Apportionment</u>	<u>Revised apportionment</u>	<u>Savings/ (over-runs)</u>
1. <u>Military personnel costs</u>			
(a) <u>Military observers</u>			
Subsistence allowance	14 489.5	25 204.1	(10 714.6)
Travel costs	1 743.9	2 440.4	(696.5)
Clothing and equipment allowance	<u>57.5</u>	<u>131.2</u>	<u>(73.7)</u>
Sub-total	16 290.9	27 775.7	(11 484.8)
(b) <u>Military contingent</u>			
Standard troop cost reimbursement	90 200.0	82 052.1	8 147.9
Welfare	1 100.0	816.0	284.0
Rations	40 000.0	26 372.3	13 627.7
Daily allowance	3 200.0	2 778.1	421.9
Travel costs	<u>14 400.0</u>	<u>13 101.4</u>	<u>1 298.6</u>
Sub-total	148 900.0	125 119.9	23 780.1
(c) <u>Other costs pertaining to contingents</u>			
Death and disability compensation	5 000.0	5 000.0	0.0
Contingent-owned equipment	<u>16 220.0</u>	<u>16 220.0</u>	<u>0.0</u>
Sub-total	21 220.0	21 220.0	0.0

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	<u>Apportionment</u>	<u>Revised apportionment</u>	<u>Savings/ (over-runs)</u>
2. <u>Civilian personnel costs</u>			
(a) <u>Civilian police</u>			
Mission subsistence allowance	52 600.0	50 130.3	2 469.7
Travel	5 760.0	5 324.7	435.3
Clothing allowance	<u>45.0</u>	<u>400.4</u>	<u>(355.4)</u>
Sub-total	58 405.0	55 855.4	2 549.6
(b) <u>International and local staff</u>			
International staff salaries	20 643.0	13 834.4	6 808.6
Local staff salaries	2 830.3	1 630.0	1 200.3
Common staff costs	8 886.2	6 452.8	2 433.4
Mission subsistence allowance	18 388.1	16 506.6	1 881.5
Travel	3 157.3	5 031.9	(1 874.6)
Overtime	<u>200.0</u>	<u>71.4</u>	<u>128.6</u>
Sub-total	54 104.9	43 527.1	10 577.8
(c) <u>United Nations Volunteers</u>			
	8 430.0	7 311.8	1 118.2
3. <u>Premises/accommodation</u>			
(a) Rental of premises	1 454.1	6 421.4	(4 967.3)
(b) Maintenance and alterations of premises	2 046.3	2 763.6	(717.3)
(c) Utilities	1 013.9	688.0	325.9
(d) Pre-fabricated units	<u>182 815.9</u>	<u>96 202.0</u>	<u>86 613.9</u>
Sub-total	187 330.2	106 075.0	81 255.2
4. <u>Infrastructure repairs</u>			
	10 000.0	12 224.3	(2 224.3)

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	<u>Apportionment</u>	<u>Revised apportionment</u>	<u>Savings/ (over-runs)</u>
5. <u>Transport operations</u>			
(a) Purchase of vehicles	70 423.9	71 573.9	(1 150.0)
(b) Rental of vehicles	500.0	248.7	251.3
(c) Workshop equipment	680.0	310.6	369.4
(d) Spare parts, repairs and maintenance	2 375.3	8 328.2	(5 952.9)
(e) Petrol, oil and lubricants	9 087.4	4 269.8	4 817.6
(f) Vehicle insurance	<u>1 138.9</u>	<u>609.4</u>	<u>529.5</u>
Sub-total	84 205.5	85 340.6	(1 135.1)
6. <u>Air operations</u>			
(a) <u>Helicopters</u>			
Hire/charter costs	20 000.0	18 045.5	1 954.5
Aviation fuel and lubricants	<u>2 880.2</u>	<u>3 999.8</u>	<u>(1 119.6)</u>
Sub-total	22 880.2	22 045.3	834.9
(b) <u>Fixed-wing aircraft</u>			
Hire/charter costs	5 700.0	6 195.1	(495.1)
Aviation fuel and lubricants	<u>4 200.0</u>	<u>1 858.6</u>	<u>2 341.4</u>
Sub-total	9 900.0	8 053.7	1 846.3
(c) <u>Air crew subsistence allowance</u>			
	0.0	1 300.0	(1 300.0)
(d) <u>Other air operations costs</u>			
Air traffic control services	5 000.0	10 812.3	(5 812.3)
Landing fees and ground handling	200.0	557.0	(357.0)
Liability insurance	0.0	15.0	(15.0)
Fuel storage container	<u>34.5</u>	<u>250.0</u>	<u>(215.5)</u>
Sub-total	5 234.5	11 634.3	(6 399.8)

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	<u>Apportionment</u>	<u>Revised apportionment</u>	<u>Savings/ (over-runs)</u>
7. <u>Naval operations</u>			
(a) Preparation costs	2 000.0	347.2	1 652.8
(b) Fuel	3 200.0	1 294.5	1 905.5
(c) Maintenance costs	2 500.0	1 022.0	1 478.0
(d) Rental of landing crafts	<u>800.0</u>	<u>21.0</u>	<u>779.0</u>
Sub-total	8 500.0	2 684.7	5 815.3
8. <u>Communications</u>			
(a) <u>Complimentary communication</u>			
Communications equipment	23 051.1	16 073.0	6 978.1
Spare parts and supplies	714.4	1 633.6	(919.2)
Workshop and test equipment	1 759.8	381.1	1 378.7
Commercial communications	<u>1 833.8</u>	<u>5 638.6</u>	<u>(3 804.8)</u>
Sub-total	27 359.1	23 726.3	3 632.8
(b) <u>Main trunking contract</u>			
Equipment	19 500.0	15 447.0	4 053.0
Spare parts and supplies	2 000.0	1 739.0	261.0
Transport and freight costs	2 000.0	3 213.0	(1 213.0)
Contractual costs for operation of trunking system	<u>2 500.0</u>	<u>9 888.0</u>	<u>(7 388.0)</u>
Sub-total	26 000.0	30 287.0	(4 287.0)

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	<u>Apportionment</u>	<u>Revised apportionment</u>	<u>Savings/ (over-runs)</u>
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9. Other equipment

(a) Office furniture	2 715.3	3 529.0	(813.7)
(b) Office equipment	6 000.0	2 988.3	3 011.7
(c) Observation equipment	500.0	194.5	305.5
(d) Data processing equipment	8 000.0	8 649.3	(649.3)
(e) Petrol tank plus metering equipment	2 100.0	594.4	1 505.6
(f) Medical equipment	400.0	105.0	295.0
(g) Generators	11 074.6	11 948.7	(874.1)
(h) Miscellaneous equipment	2 850.9	3 203.6	(352.7)
(i) Parts and repair of equipment	<u>1 747.0</u>	<u>2 190.1</u>	<u>(443.1)</u>
Sub-total	35 387.8	33 402.9	1 984.9

10. Supplies and services

(a) <u>Miscellaneous services</u>			
Audit services	100.0	0.0	100.0
Contractual services	3 007.6	2 390.0	617.6
Security services	1 200.0	137.9	1 062.1
Medical treatment and services	400.0	70.7	329.3
Maintenance services	300.0	314.5	(14.5)
Claims and adjustment	500.0	1.7	498.3
Miscellaneous other services	<u>301.8</u>	<u>190.4</u>	<u>111.4</u>
Sub-total	5 809.4	3 105.2	2 704.2

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	<u>Apportionment</u>	<u>Revised apportionment</u>	<u>Savings/ (over-runs)</u>
(b) <u>Miscellaneous supplies</u>			
Stationery and office supplies	1 000.0	1 818.5	(818.5)
Medical supplies	2 600.0	3 369.1	(769.1)
Sanitation and cleaning materials	400.0	177.1	222.9
Subscriptions	300.0	33.8	266.2
Ballistic protective blankets for vehicles	5 500.0	575.0	4 925.0
Uniform items, flags and decals	1 500.0	673.5	826.5
Field defence stores	749.1	179.0	570.1
Operational maps	500.0	382.6	117.4
Quartermaster and general stores	700.0	985.2	(285.2)
Miscellaneous supplies	841.0	641.0	200.0
Sub-total	14 090.1	8 834.8	5 255.3
11. <u>Election-related supplies and services</u>			
(a) Standard kits for registration teams	3 000.0	6 463.7	(3 463.7)
(b) Various election materials	4 000.0	623.4	3 376.6
(c) Election related contractual services	1 500.0	2 433.0	(933.0)
Sub-total	8 500.0	9 520.1	(1 020.1)
12. <u>Public information programmes</u>			
(a) Equipment	3 000.0	532.0	2 468.0
(b) Materials and supplies	200.0	41.3	158.7
(c) contractual services	1 500.0	149.0	1 351.0
Sub-total	4 700.0	722.3	3 977.7
13. <u>Training programmes</u>	1 204.7	190.0	1 014.7

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	<u>Apportionment</u>	<u>Revised apportionment</u>	<u>Savings/ (over-runs)</u>
14. <u>Mine-clearing programmes</u>			
(a) Mine-clearing equipment	2 017.5	2 637.7	(620.2)
(b) Supplies, services and operating costs	<u>6 000.0</u>	<u>1 349.8</u>	<u>4 650.2</u>
Sub-total	8 017.5	3 987.5	4 030.0
15. <u>Assistance to factions</u>			
(a) Rehabilitation assistance to the demobilized military forces	5 000.0	1 477.3	3 522.7
(b) Provision of food to the forces of the Cambodian parties, including transportation and distribution	<u>9 000.0</u>	<u>866.4</u>	<u>8 133.6</u>
Sub-total	14 000.0	2 343.7	11 656.3
16. <u>Air and surface freight</u>			
(a) Transport of contingent-owned equipment	15 000.0	16 320.0	(1 320.0)
(b) Military airlift	30 000.0	4 664.0	25 336.0
(c) Commercial freight and cartage	<u>3 337.6</u>	<u>594.8</u>	<u>2 742.8</u>
Sub-total	48 337.6	21 578.8	26 758.8
17. <u>Support account for peace-keeping operations</u>	4 348.9	4 348.9	0.0
18. <u>Integrated management information system (IMIS)</u>	0.0	0.0	0.0
19. <u>Staff assessment</u>	<u>6 404.9</u>	<u>5 000.1</u>	<u>1 404.8</u>
TOTAL, lines 1-19	839 561.2	677 215.4	162 345.8
20. <u>Staff assessment income</u>	<u>(6 404.9)</u>	<u>(5 000.1)</u>	<u>(1 404.8)</u>
NET TOTAL	<u>833 156.3</u>	<u>672 215.3</u>	<u>160 941.0</u>

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ANNEX II

United Nations Transitional Authority in Cambodia
Financial performance report for the period from
1 November 1991 to 31 October 1992: supplementary information

Savings
(over-runs)
United States dollars

1. Military personnel costs

1. (a) Military observers (11 484 800)

1. Additional resources were required for mission subsistence allowance (\$10,714,600), travel costs (\$696,500) and clothing and equipment allowance (\$73,700). While the original estimates provided for 485 military observers and 173 mine-clearing personnel, the actual number of personnel on board is 918, including other military personnel who were entitled to the same allowance paid to military observers, as shown in the table below:

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	<u>Authorized</u>	<u>On board</u>
Military observers	485	483
Mine-clearing personnel	173	182
Naval observers	-	209
Engineer Planning and Liaison Cell personnel	-	39
Military staff Officers	<u>-</u>	<u>5</u>
Total	<u>658</u>	<u>918</u>

Savings
(over-runs)
United States dollars

2. Provision had been made for the payment of mission subsistence allowance at the United Nations accommodation-provided rate of \$100 per person per day to some 76 per cent of military observers. Since UNTAC was not able to provide the accommodation as originally envisaged, mission subsistence allowance was paid at the approved rate of \$145 per person per day to all military personnel.

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Savings
(over-runs)
United States dollars

1. (b) Military contingent 23 780 100

3. The implementation plan for the military component of UNTAC called for the deployment, for varying periods, of up to 15,242 military personnel, all ranks. The actual number of military personnel on board as of 31 October 1992 is 14,471.

4. Due to delays in the arrival of the contingents and the support units, savings totalling \$23,780,100, were realized under standard troop cost reimbursement (\$8,147,900), welfare (\$284,000), rations (\$13,627,700), daily allowance (\$421,900) and travel costs (\$1,298,600).

5. Provision had been made for food and bottled drinking water for 15,242 troops (infantry and logistics battalions) for the varying periods of their deployment in the mission area at an estimated cost of \$23.80 per person per day. The actual average cost of rations amounted to \$15.00 per person per day.

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Savings
(over-runs)
United States dollars

6. The amount for travel (\$1,298,600) reflects the actual cost for emplacement of military personnel. The savings were due to the favorable terms in the global travel contracts entered into by the United Nations.

1. (c) Other costs pertaining to contingents

Death and disability compensation -

7. The amount allocated has been obligated to cover potential claims for death, injuries and disability.

Contingent-owned equipment -

8. The original estimate has been retained for this item. Troop-contributing Governments have yet to submit invoices for the equipment and supplies brought in to the mission area.

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Savings
(over-runs)
United States dollars

2. Civilian personnel costs

2. (a) Civilian police

2 549 600

9. The implementation plan called for the deployment for varying periods, of up to 3,600 civilian police. To date, there are 3,146 civilian police on board. Due to delays in the arrival of the civilian police, savings totalling \$2,905,000 were realized under mission subsistence allowance (\$2,469,700) and travel costs (\$435,300) were partially offset by additional requirements for clothing allowance (\$355,400). While the original estimates were calculated on the assumption that 95 per cent of the civilian police would be paid mission subsistence allowance at the UN accommodation provided rate of \$100 per day, none of the civilian police were provided with accommodations. Hence, the payment for subsistence allowance was at the rate of \$145 per day.

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Savings
(over-runs)
United States dollars

2. (b) International and local staff 10 577 800

10. Savings under international staff salaries (\$6,808,600), local staff salaries (\$1,200,300), common staff costs (\$2,433,400), mission subsistence allowance (\$1,881,500) and overtime (\$128,600) were partially offset by over-expenditure under travel (\$1,874,600). The savings were primarily due to the slower than planned build-up of international and local staff in the mission area. Of the total of 6,391 staff (1,020 international and 5,371 local) required to provide administrative, substantive and technical support services to UNTAC, only 3,190 (953 international and 2,237 local) are presently filled.

2. (c) United Nations Volunteers 1 118 200

11. Savings under this heading were due to the downward revision of the basic remuneration for United Nations Volunteers from the original estimate of \$36,000 per person per annum to the current rate of \$29,524 per person per annum.

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Savings
(over-runs)
United States dollars

3. Premises/accommodation

81 255 200

12. Savings totalling \$86,939,800 from utilities (\$325,900) and pre-fabricated units (\$86,613,900) were partially offset by additional requirements of \$5,684,600 for rental of premises (\$4,967,300) and maintenance and alteration of premises (\$717,300).

13. The number of leased premises is 250. The increased requirement for rental of premises in the amount of \$4,967,300 was due, inter alia, to: (a) the under-estimation of building space required for the operation of UNTAC; (b) the unexpected artificial inflation of rental rates; and (c) the delay in delivery and construction of pre-fabricated units.

14. The increased requirement of \$717,300 for maintenance and alteration of premises was due to the higher than anticipated cost for renovation of buildings and other rental facilities in Phnom Penh, Battambang and at all locations throughout the mission area.

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Savings
(over-runs)
United States dollars

15. The requirements for utilities was less than originally estimated because the electrical power supply in the mission area was not suitable for powering computers and other office equipment, and power is available only in Phnom Penh.

16. Reduced requirements for pre-fabricated units were due to the fact that fewer units were purchased than originally planned. Of the pre-fabricated accommodation purchased, four 100-man living/accommodation units, fully equipped and furnished, were diverted to United Nations Operation in Somalia (UNOSOM). The total cost, including ocean freight, amounted to \$11 million. Tables 2 and 3 below show a comparison between the number of pre-fabricated living and office accommodation units originally estimated versus the actual number of units purchased.

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Table 2

Estimated number of living and office accommodations
(by item and type of accommodation)

Item/ Type of accommodation	Living accommodation				Office accn.	
	800 person camp	4 person camp	8 person camp	100 person camp	550 person accn	100 person accn
For HQ UNTAC (800 persons)	1				1	
For 20 UNTAC Provincial offices				20		20
For District Police and Electoral personnel			260			
For Military Observers		121				
TOTAL	1	121	260	20	1	20

Table 3

Actual number of living and office accommodations 1/
 (by item and type of accommodation)

Item/ Type of accn	Living accommodation					Office accn.		
	200 pers camp	4 pers camp	8 pers camp	100 pers camp	50 pers camp	550 pers accn	100 pers accn	50 pers accn
For 200 man living camp	1					1		
For 20 UNTAC Provincial offices				6	8		6	8
For District Police and Electoral personnel		50	200					
For Military Observers								
TOTAL	1	50	200	6	8	1	6	8

1/ Excludes four 100-man living/office accommodation units diverted to UNOSOM.

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Savings
(over-runs)
United States dollars

17. Other factors that contributed to the lower than anticipated expenditures under this heading were the following:

(a) It was found that more accommodations were available in Cambodia than was originally foreseen;

(b) Suppliers could not deliver the pre-fabricated accommodation units within the time frame required by UNTAC.

(c) The cost of pre-fabricated warehouses and transit camps were lower than originally estimated.

(d) While provision had been made for the improvement of accommodation for military personnel through the construction of pre-fabricated ablution, kitchen and mess facilities and the upgrading of working and sleeping accommodations, the projects were undertaken by the military contingents themselves using locally available materials and hiring local Khmer labour at a much lower cost.

Savings
(over-runs)
United States dollars

4. Infrastructure repairs (2 224 300)

18. Additional resources amounting to \$2,224,300 were required under this heading due to the higher than estimated cost of repairing railways and railway-bridges which have not been maintained for twenty years and are in a state of total disrepair.

5. Transport operations (1 135 100)

19. Savings totalling \$5,967,800 under rental of vehicles (\$251,300), workshop equipment (\$369,400), petrol, oil and lubricants (\$4,817,600) and vehicle insurance (\$529,500) were partly offset by additional requirements of \$7,102,900 for the purchase of vehicles (\$1,150,000) and spare parts, repairs and maintenance (\$5,952,900).

20. Additional requirements of \$1,150,000 for purchase of vehicles were due to the need for the acquisition of 26 vehicles for which no budgetary provision had been made.

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Savings
(over-runs)
United States dollars

21. Details relating to the acquisition of vehicles in respect of UNAMIC and UNTAC are shown in annex IX, including 26 additional vehicles purchased, as well as other vehicles transferred to UNTAC from other missions.

22. Details relating to the full vehicle establishment are shown in annex X.

23. The requirement for vehicle rental was less than originally estimated mainly due to the late deployment of staff and the limited availability of cars for hire.

24. Additional requirements amounting to \$5,952,900 for spare parts, repairs and maintenance were higher than originally estimated.

25. Savings of \$4,817,600 under petrol, oil and lubricants were due to the lower mileage travelled by all vehicles each day. While the cost of petrol, oil and lubricants was estimated on the basis of all vehicles (UN-owned and contingent-owned) travelling 75 miles per day, the average miles travelled each day was 46 miles.

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Savings
(over-runs)
United States dollars

Delays in the arrival of vehicles and in the deployment of staff also contributed to the lower consumption of these products.

26. Savings of \$529,500 under vehicle insurance were due to the lower cost of third-party vehicle insurance (\$150 per vehicle) as compared to the original estimate of \$236 per vehicle.

6. Air operations

6. (a) Helicopters

834 900

27. Savings under hire/charter of helicopters amounting to \$1,954,500 were partially offset by additional requirements of \$1,119,600 for aviation fuel and lubricants.

28. Savings of \$1,954,500 were due to lower than anticipated monthly cost of hiring four heavy transport helicopters (\$530,000 per helicopter), 20 medium transport helicopters (\$57,000 per helicopter), one utility tactical helicopter (\$75,000) and two light observation helicopters (\$62,500 per helicopter).

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Savings
(over-runs)
United States dollars

29. Over-expenditure of \$1,119,600 under aviation fuel and lubricants was mainly due to the additional flying hours the helicopters must perform.

6. (b) Fixed wing aircraft 1 846 300

30. Savings under aviation fuel and lubricants amounting to \$2,341,400 were partially offset by additional requirements of \$495,100 for the hire/charter of fixed wing aircraft.

31. Over-expenditure under the hire/charter of fixed wing aircraft was due to the additional charges incurred for positioning, de-positioning and painting of the aircrafts.

32. Owing to scheduling problems in the local airports, the aircraft have not been fully utilized, resulting in savings under aviation fuel and lubricants.

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Savings
(over-runs)
United States dollars

6. (c) Air crew subsistence allowance (1 300 000)

33. Unforeseen requirements amounting to \$1,300,000 for air crew subsistence allowance were due to the fact that the contract for the commercial chartered fleet did not include the provision of accommodation and meals to its crew while travelling outside Phnom Penh. As a result, UNTAC had to reimburse the air crew for room accommodation up to \$79 per day as well as provide an allowance of \$130 per day for meals and incidentals.

6. (d) Other air operations costs (6 399 800)

34. Additional requirements totalling \$6,399,800 for other air operations costs are summarized hereunder:

35. Additional requirements under air traffic control services and equipment (\$5,812,300) were due to the higher than originally estimated costs of mobile air-control towers, air traffic controller equipment, airfield lighting kits, fire-fighting and fuel testing equipment and ground power units and other airport

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Savings
(over-runs)
United States dollars

services. A detailed breakdown of the cost of air traffic control services and equipment is shown in annex XI.

36. Additional requirements under landing fees and ground handling (\$357,000) were due to the higher than originally estimated charges relating to these services outside Cambodia and the frequency of such flights due to medical evacuations, transport of passengers and cargoes.

37. Requirements for liability insurance in the amount of \$15,000 were not provided in the original estimates.

38. Requirements for fuel storage containers in the amount of \$215,500 were not provided in the original estimates.

7. Naval operations

5 815 300

39. Savings totalling \$5 815 300 under naval operations were as follows: preparation costs and equipment (\$1 652,800, fuel (\$1,905,500), maintenance costs

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Savings
(over-runs)
United States dollars

(\$1,478,000) and rental of landing crafts (\$779,000). After extensive delays, a total of 32 Cambodian vessels were made available to UNTAC in August 1992, consisting of 23 boats and 9 landing craft, of which 15 boats and 6 landing craft were operational.

40. Due to the lack of spare parts, the remaining 11 vessels were considered as non-serviceable. Owing to operational requirements, it was necessary to purchase 25 zodiac boats, inflatable boats and safety equipment for patrolling inland waterways. Fuel consumption was lower than anticipated due to the delay in bringing the naval vessels into operational capacity. The provision for the rental of landing crafts was not fully utilized since the requirement would be at a later date during the registration and election period.

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Savings
(over-runs)
United States dollars

8. Communications

8. (a) Complementary communication 3 632 800

41. Savings totalling \$8,356,800 for complementary communications equipment (\$6,978,100) and workshop and test equipment (\$1,378,700) were partially offset by additional requirements totalling \$4,724,000 for spare parts and supplies (\$919,200) and commercial communications (\$3,804,800).

42. Annex XII provides details on complementary communications equipment purchased as compared to those included in the original estimates. Supplementary information on savings realized under each line item are provided in annex XIII.

43. The resources provided for workshop and test equipment have not been fully utilized pending the purchase of the Intelsat earth station and the completion of the workshops in Phnom Penh and Battambang.

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Savings
(over-runs)
United States dollars

44. Additional requirements for spare parts and supplies (\$919,200) and commercial communications (\$3,804,800) were lower than originally estimated. Revised requirements based on invoices received and actual usage recorded in the system are as follows:

Australian FCU Inmarsat	550 000
UNTAC owned Inmarsats	1 600 000
UNTAC radio room Inmarsats	700 000
Mobile telephone bill (intern'l)	137 000
IDD lines UNTAC HQs	576 000
IDD lines outside UNTAC HQs	992 000
New York/Bangkok Phone/Fax costs	1 020 000

8. (b) Main trunking contract (4,287,000)

45. Additional requirements totalling \$8,601,000 for transport and freight costs (\$1,213,000) and contractual costs for operation of trunking system (\$7,388,000) were partially offset by savings totalling \$4,314,000 under equipment (\$4,053,000) and spare parts and supplies (\$261,000).

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Savings
(over-runs)
United States dollars

9. Other equipment 1 984 900

46. Savings totalling \$5,117,800 under office equipment (\$3,011,700), observation equipment (\$305,500), petrol tank plus metering equipment (\$1,505,600), medical

equipment (\$295,000) were partially offset by additional requirements totalling \$3,132,900 under office furniture (\$813,700), data-processing equipment (\$649,300), generators (\$874,100), miscellaneous equipment (\$352,700), and parts and repair of equipment (\$443,100).

47. Savings under office equipment (\$3,011,700) and observation equipment (\$305,500) were due to the delayed arrival of personnel.

48. Resources for petrol tank plus metering equipment were not utilized since most fuel tank requirements were supplied through contractual arrangements.

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Savings
(over-runs)
United States dollars

49. Savings under medical equipment (\$295,000) were due to the lower than estimated cost of basic equipment required for the establishment of the 17 first-aid stations.
50. Additional requirements for office furniture (\$813,700) were due to the need to furnish the extra office locations leased.
51. The requirements for electronic data processing equipment and software were higher than originally estimated.
52. Due to the inadequacy of local utility services, the requirements for generators were higher than anticipated.
53. Over-expenditure of \$352,700 under miscellaneous equipment was due to the acquisition of additional water purification equipment. Additional requirements of \$443,100 under parts and repair of equipment were due to the need to maintain larger numbers of

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Savings
(over-runs)
United States dollars

generators and water purification equipment.

10. Supplies and services

10. (a) Miscellaneous services 2 704 200

54. Savings totalling \$2,718,700 under audit services (\$100,000), contractual services (\$617,600), security services and supplies (\$1,062,100), medical treatment and services (\$329,300), claims and adjustments (\$498,300) and miscellaneous other services (\$111,400) were partly offset by additional requirements of \$14,500 under maintenance and services.

10. (b) Miscellaneous supplies 5 255 300

55. Savings totalling \$7,128,100 under sanitation and cleaning materials (\$222,900), subscriptions (\$266,200), ballistic protective blankets for vehicles (\$4,925,000), uniform items, flags and decals (\$826,500), field defence stores (\$570,100), operational maps (\$117,400), and

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Savings
(over-runs)
United States dollars

miscellaneous supplies (\$200,000) were partially offset by additional requirements totalling \$1,872,800 for stationery and office supplies (\$818,500), medical supplies (\$769,100) and quartermaster and general stores (\$285,200).

11. Election-related supplies and services(1 020 100)

56. Additional requirements totalling \$4,396,700 for standard kits for registration teams (\$3,463,700) and election related contractual services (\$933,000) were partially offset by savings of \$3,376,600 under various election materials.

57. Additional requirements for standard kits for registration teams (\$3,463,700) were due to the higher than estimated cost for the acquisition of standard equipment kits. While provision had been made in the original estimates for the acquisition of the kits in the amount of \$3,255,000, the contract negotiated with the supplier amounted to \$5,991,718, which included the

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Savings
(over-runs)
United States dollars

provision of tamper-proof registration cards. However, since the contract did not include the provision of tape recorders, batteries and cassettes with the kits as originally anticipated, additional costs were incurred for the acquisition of these items.

58. Additional requirements for election related contractual services were due to the higher than estimated cost for the development and implementation of a computerized electoral programme.

59. Savings under various election materials (\$3,376,600) were partly due to the non-acquisition of miscellaneous custom printed election forms, stationery and other supplies for the 800 registration teams since tamper-proof registration cards were provided with the standard kits mentioned in paragraph 56 above.

12. Public information programmes 3 977 700

60. Savings totalling \$3,977,700 under equipment (\$2,468,000), materials and supplies (\$158,700) and

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Savings
(over-runs)
United States dollars

contractual services (\$1,351,000) were due to lower than estimated costs for these items.

13. Training programmes 1 014 700

61. Savings totalling \$1,014,700 were due to the delay in the deployment of staff. The lower requirement for consultants, training materials and equipment also contributed to the savings.

14. Mine-clearing programmes 4 030 000

62. Savings of \$4,650,200 under supplies, services and operating costs were partially offset by additional requirements amounting to \$620,200 for the acquisition of mine-clearing equipment.

15. Assistance to factions 11 656 300

63. Savings amounting to \$3,522,700 for rehabilitation/reintegration assistance to the demobilized military forces were due to fewer soldiers in

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Savings
(over-runs)
United States dollars

cantonment sites and shorter periods of cantonment than originally anticipated.

64. Savings amounting to \$8,133,600 for the provision of food to the forces of the Cambodian parties, including transportation and distribution, were due to the lower than estimated daily cost of rations. While the cost of rations was originally estimated at \$0.57 per day, the current cost of the rations provided by the World Food Programme under special arrangements with UNTAC is \$0.38 per day, including transportation. Other factors responsible for the reduced requirement for rations are mentioned in paragraph 62 above.

16. Air and surface freight 26 758 800

65. Savings totalling \$28,078,800 for military airlift (\$25,336,000) and commercial freight and cartage (\$2,742,800) were partially offset by additional requirements for transport of contingent-owned equipment (\$1,320,000).

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Savings
(over-runs)
United States dollars

17. Support account for peace-keeping operations -

66. The amount authorized has been transferred to the support account for peace-keeping operations.

18. Integrated Management Information System -

67. No provision had been made for this item.

19. Staff assessment 1 404 800

68. Savings were derived due to the delayed deployment of international and local staff in the mission area.

20. Income from staff assessment (1 404 800)

69. This item is based on item 19 above.

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ANNEX III

United Nations Transitional Authority in Cambodia (UNTAC)

Revised apportionment for the period from 1 November 1991 to 31 October 1992 and
cost estimates for the period from 1 November 1992 to 31 July 1993

Summary Statement

(In thousands of United States dollars)

	Revised apportionment 1 November 1991 to 31 October 1992 (1)	Cost estimates 1 November 1992 to 30 April 1993 (2)	Cost estimates 1 May to 31 July 1993 (3)	<u>Total</u> (1)+(2)+(3)
1. <u>Military personnel costs</u>				
(a) <u>Military personnel</u>				
Subsistence allowance	25 204.1	24 092.9	12 246.1	61 543.1
Travel costs	2 440.4	1 170.0	1 192.1	4 802.5
Clothing and equipment allowance	<u>131.2</u>	<u>69.0</u>	<u>51.0</u>	<u>251.2</u>
Sub-total	27 775.7	25 331.9	13 489.2	66 596.8

	Revised apportionment 1 November 1991 to 31 October 1992 (1)	Cost estimates 1 November 1992 to 30 April 1993 (2)	Cost estimates 1 May to 31 July 1993 (3)	Total (1)+(2)+(3)
(b) <u>Military contingent</u>				
Standard troop cost reimbursement	82 052.1	100 732.7	27 877.2	210 662.0
Welfare	816.0	2 038.8	740.0	3 594.8
Rations	26 372.3	40 505.0	15 921.7	82 799.0
Daily allowance	2 778.1	3 531.3	1 395.1	7 704.5
Travel costs	<u>13 101.4</u>	<u>19 531.5</u>	<u>13 195.0</u>	<u>45 827.9</u>
Sub-total	125 119.9	166 339.3	59 139.0	350 588.2
(c) <u>Other costs pertaining to contingents</u>				
Death and disability compensation	5 000.0	5 000.0	5 000.0	15 000.0
Contingent-owned equipment	<u>16 220.0</u>	<u>15 000.0</u>	<u>14 000.0</u>	<u>45 220.0</u>
Sub-total	21 220.0	20 000.0	19 000.0	60 220.0
2. <u>Civilian personnel costs</u>				
(a) <u>Civilian police</u>				
Mission subsistence allowance	50 130.3	83 985.0	42 228.0	176 343.3
Travel	5 324.7	3 900.0	4 680.0	13 904.7
Clothing allowance	<u>400.4</u>	<u>363.0</u>	<u>148.0</u>	<u>911.4</u>
Sub-total	55 855.4	88 248.0	47 056.0	191 159.4

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	Revised apportionment 1 November 1991 to 31 October 1992 (1)	Cost estimates 1 November 1992 to 30 April 1993 (2)	Cost estimates 1 May to 31 July 1993 (3)	Total (1)+(2)+(3)
(b) <u>International and local staff</u>				
International staff salaries	13 834.4	30 670.9	12 016.0	56 521.3
Local staff salaries	1 630.0	15 581.9	11 488.8	28 700.7
Common staff costs	6 452.8	16 359.8	7 417.6	30 230.2
Mission subsistence allowance	16 506.6	28 432.5	13 949.4	58 888.5
Travel	5 031.9	2 729.5	6 503.1	14 264.5
Overtime	<u>71.4</u>	<u>1 000.0</u>	<u>75.0</u>	<u>1 146.4</u>
Sub-total	43 527.1	94 774.6	51 449.9	189 751.6
(c) <u>United Nations Volunteers</u>				
	7 311.8	6 632.4	4 007.2	17 951.4
3. <u>Premises/accommodation</u>				
(a) Rental of premises	6 421.4	3 888.3	1 684.9	11 994.6
(b) Maintenance and alterations of premises	2 763.6	1 415.0	707.5	4 886.1
(c) Utilities	688.0	900.0	225.0	1 813.0
(d) Pre-fabricated units	<u>96 202.0</u>	<u>21 397.4</u>	<u>5 000.0</u>	<u>122 599.4</u>
Sub-total	106 075.0	27 600.7	7 617.4	141 293.1

	Revised apportionment 1 November 1991 to 31 October 1992 (1)	Cost estimates 1 November 1992 to 30 April 1993 (2)	Cost estimates 1 May 1 July 1993 (3)	<u>Total</u> (1)+(2)+(3)
4. <u>Infrastructure repairs</u>	12 224.3	11 140.9	5 196.0	28 561.2
5. <u>Transport operations</u>				
(a) Purchase of vehicles	71 573.9	11 757.0	0.0	83 330.9
(b) Rental of vehicles	248.7	300.0	200.0	748.7
(c) Workshop equipment	310.6	400.0	20.0	730.6
(d) Spare parts, repairs and maintenance	8 328.2	6 350.0	3 176.0	17 854.2
(e) Petrol, oil and lubricants	4 269.8	5 400.0	4 500.0	14 169.8
(f) Vehicle insurance	<u>609.4</u>	<u>741.7</u>	<u>370.8</u>	<u>1 721.9</u>
Sub-total	85 340.6	24 948.7	8 266.8	118 556.1
6. <u>Air operations</u>				
(a) <u>Helicopters</u>				
Hire/charter costs	18 045.5	32 682.0	13 433.4	64 160.9
Aviation fuel and lubricants	<u>3 999.8</u>	<u>4 833.4</u>	<u>2 416.6</u>	<u>11 249.8</u>
Sub-total	22 045.3	37 515.4	15 850.0	75 410.7

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	Revised apportionment 1 November 1991 to 31 October 1992 (1)	Cost estimates 1 November 1992 to 30 April 1993 (2)	Cost estimates 1 May to 31 July 1993 (3)	Total (1)+(2)+(3)
(b) <u>Fixed-wing aircraft</u>				
Hire/charter costs	6 195.1	7 003.0	4 434.0	17 632.1
Aviation fuel and lubricants	<u>1 858.6</u>	<u>2 282.7</u>	<u>1 351.3</u>	<u>5 492.6</u>
Sub-total	8 053.7	9 285.7	5 785.3	23 124.7
(c) <u>Air crew subsistence allowance</u>	1 300.0	1 560.0	780.0	3 640.0
(d) <u>Other air operations costs</u>				
Air traffic control services	10 812.3	2 214.6	0.0	13 026.9
Landing fees and ground handling	557.0	1 125.0	562.5	2 244.5
Liability insurance	15.0	70.0	0.0	85.0
Fuel storage container	<u>250.0</u>	<u>0.0</u>	<u>0.0</u>	<u>250.0</u>
Sub-total	11 634.3	3 409.6	562.5	15 606.4

	Revised apportionment 1 November 1991 to 31 October 1992 (1)	Cost estimates 1 November 1992 to 30 April 1993 (2)	Cost estimates 1 May to 31 July 1993 (3)	<u>Total</u> (1)+(2)+(3)
7. <u>Naval operations</u>				
(a) Preparation costs	347.2	1 020.8	0.0	1 368.0
(b) Fuel	1 294.5	5 498.2	2 671.0	9 463.7
(c) Maintenance costs	1 022.0	6 990.0	3 495.0	11 507.0
(d) Rental of landing crafts	<u>21.0</u>	<u>3 030.0</u>	<u>1 445.0</u>	<u>4 496.0</u>
Sub-total	2 684.7	16 539.0	7 611.0	26 834.7
8. <u>Communications</u>				
(a) <u>Complimentary communication</u> Communications equipment	16 073.0	3 306.4	0.0	19 379.4
Spare parts and supplies	1 633.6	1 000.0	380.0	3 013.6
Workshop and test equipment	381.1	2 200.0	0.0	2 581.1
Commercial communications	<u>5 638.6</u>	<u>2 254.0</u>	<u>413.0</u>	<u>8 305.6</u>
Sub-total	23 726.3	8 760.4	793.0	33 279.7

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	Revised apportionment 1 November 1991 to 31 October 1992 (1)	Cost estimates 1 November 1992 to 30 April 1993 (2)	Cost estimates 1 May to 31 July 1993 (3)	Total (1)+(2)+(3)
(b) <u>Main trunking contract</u>				
Equipment	15 447.0	0.0	0.0	15 447.0
Spare parts and supplies	1 739.0	0.0	0.0	1 739.0
Transport and freight costs	3 213.0	0.0	0.0	3 213.0
Contractual costs for operation of trunking system	<u>9 888.0</u>	<u>650.0</u>	<u>350.0</u>	<u>10 888.0</u>
Sub-total	30 287.0	650.0	350.0	31 287.0
9. <u>Other equipment</u>				
(a) Office furniture	3 529.0	1 800.0	600.0	5 929.0
(b) Office equipment	2 988.3	2 500.0	1 250.0	6 738.3
(c) Observation equipment	194.5	1 258.0	50.0	1 502.5
(d) Data processing equipment	8 649.3	500.0	0.0	9 149.3
(e) Petrol tank plus metering equipment	594.4	720.0	0.0	1 314.4
(f) Medical equipment	105.0	235.0	75.0	415.0
(g) Generators	11 948.7	243.0	0.0	12 191.7
(h) Miscellaneous equipment	3 203.6	1 500.0	750.0	5 453.6
(i) Parts and repair of equipment	<u>2 190.1</u>	<u>800.0</u>	<u>400.0</u>	<u>3 390.1</u>
Sub-total	33 402.9	9 556.0	3 125.0	46 083.9

	Revised apportionment 1 November 1991 to 31 October 1992 (1)	Cost estimates 1 November 1992 to 30 April 1993 (2)	Cost estimates 1 May to 31 July 1993 (3)	Total (1)+(2)+(3)
10. <u>Supplies and services</u>				
(a) <u>Miscellaneous services</u>				
Audit services	0.0	80.0	40.0	120.0
Contractual services	2 390.0	4 045.5	1 962.9	8 398.4
Security services	137.9	1 400.0	800.0	2 337.9
Medical treatment and services	70.7	600.0	400.0	1 070.7
Maintenance services	314.5	300.0	200.0	814.5
Claims and adjustment	1.7	1 198.3	1 200.0	2 400.0
Miscellaneous other services	190.4	330.0	270.0	790.4
Official Hospitality	<u>0.0</u>	<u>20.0</u>	<u>10.0</u>	<u>30.0</u>
Sub-total	3 105.2	7 973.8	4 882.9	15 961.9

	Revised apportionment 1 November 1991 <u>to 31 October 1992</u> (1)	Cost estimates 1 November 1992 <u>to 30 April 1993</u> (2)	Cost estimates 1 May <u>to 31 July 1993</u> (3)	<u>Total</u> (1)+(2)+(3)
(b) <u>Miscellaneous supplies</u>				
Stationery and office supplies	1 818.5	1 800.0	800.0	4 418.5
Medical supplies	3 369.1	3 880.0	1 000.0	8 249.1
Sanitation and cleaning materials	177.1	150.0	75.0	402.1
Subscriptions	33.8	47.5	18.5	99.8
Ballistic protective blankets for vehicles	575.0	287.0	0.0	862.0
Uniform items, flags and decals	673.5	600.0	250.0	1 523.5
Field defence stores	179.0	750.0	225.0	1 154.0
Operational maps	382.6	60.0	10.0	452.6
Quartermaster and general stores	985.2	550.0	250.0	1 785.2
Miscellaneous supplies	<u>641.0</u>	<u>561.9</u>	<u>125.0</u>	<u>1 327.9</u>
Sub-total	8 834.8	8 686.4	2 753.5	20 274.7

	Revised apportionment 1 November 1991 to 31 October 1992 (1)	Cost estimates 1 November 1992 to 30 April 1993 (2)	Cost estimates 1 May to 31 July 1993 (3)	<u>Total</u> (1)+(2)+(3)
11. <u>Election-related supplies and services</u>				
(a) Standard kits for registration teams	6 463.7	0.0	0.0	6 463.7
(b) Various election materials	623.4	8 017.6	250.0	8 891.0
(c) Election related contractual services	<u>2 433.0</u>	<u>2 800.0</u>	<u>0.0</u>	<u>5 233.0</u>
Sub-total	9 520.1	10 817.6	250.0	20 587.7
12. <u>Public information programmes</u>				
(a) Equipment	532.0	2 894.0	0.0	3 426.0
(b) Materials and supplies	41.3	125.0	63.5	229.8
(c) Contractual services	<u>149.0</u>	<u>3 215.0</u>	<u>47.5</u>	<u>3 411.5</u>
Sub-total	722.3	6 234.0	111.0	7 067.3
13. <u>Training programmes</u>	190.0	2 398.0	0.0	2 588.0
14. <u>Mine-clearing programmes</u>				
(a) Mine-clearing equipment	2 637.7	722.7	0.0	3 360.4
(b) Supplies, services and operating costs	<u>1 349.8</u>	<u>4 510.0</u>	<u>1 348.7</u>	<u>7 208.5</u>
Sub-total	3 987.5	5 232.7	1 348.7	10 568.9

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	Revised apportionment 1 November 1991 to 31 October 1992 (1)	Cost estimates 1 November 1992 to 30 April 1993 (2)	Cost estimates 1 May to 31 July 1993 (3)	<u>Total</u> (1)+(2)+(3)
15. <u>Assistance to factions</u>				
(a) Rehabilitation assistance to the demobilized military forces	1 477.3	5 015.2	2 507.5	9 000.0
(b) Provision of food to the forces of the Cambodian parties, including transportation and distribution	<u>866.4</u>	<u>5 692.0</u>	<u>2 052.0</u>	<u>8 610.4</u>
Sub-total	2 343.7	10 707.2	4 559.5	17 610.4
16. <u>Air and surface freight</u>				
(a) Transport of contingent-owned equipment	16 320.0	5 840.0	13 415.0	35 575.0
(b) Military airlift	4 664.0	1 660.0	3 835.0	10 159.0
(c) Commercial freight and cartage	<u>594.8</u>	<u>910.4</u>	<u>226.5</u>	<u>1 731.7</u>
Sub-total	21 578.8	8 410.4	17 476.5	47 465.7

	Revised apportionment 1 November 1991 to 31 October 1992 (1)	Cost estimates 1 November 1992 to 30 April 1993 (2)	Cost estimates 1 May to 31 July 1993 (3)	<u>Total</u> (1)+(2)+(3)
17. <u>Support account for peace-keeping operations</u>	4 348.9	8 055.8	4 373.2	16 778.0
18. <u>Integrated Management Information System</u>	0.0	300.0	100.0	400.0
19. <u>Staff assessment</u>	<u>5 000.1</u>	<u>13 152.7</u>	<u>6 017.7</u>	<u>24 170.5</u>
TOTAL, lines 1-19	677 215.4	633 961.2	291 841.3	1 603 018.0
20. <u>Staff assessment income</u>	<u>(5 000.1)</u>	<u>(13 152.7)</u>	<u>(6 017.7)</u>	<u>(24 170.5)</u>
NET TOTAL	<u>672 215.3</u>	<u>620 808.5</u>	<u>285 823.6</u>	<u>1 578 847.5</u>

ANNEX IV

Cost estimate of the United Nations Transitional Authority
in Cambodia: Supplementary information

I. COST PARAMETERS

1. These estimates were calculated, where applicable, on the basis of the cost parameters indicated below:

(a) Mission subsistence allowance

2. Budgetary provision is made for the payment of subsistence allowance to both military and international civilian staff. The subsistence rates used throughout these cost estimates are as follows:

(a) \$160 per day during the first 30 days upon arrival in the mission area in Cambodia, irrespective of the specific geographical location of the duty station of assignment.

(b) \$145 per day from the thirty-first day after arrival in the mission area.

3. Due to the shortage of United Nations-provided accommodations, a reduced rate of \$100 per day will be applied

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whenever UNTAC personnel are provided with accommodation. In all other cases the rate of \$145 per day will apply.

(b) Military observers, mine-clearing personnel, naval observers and personnel of the Engineering Planning and Liaison Cell

4. Mission subsistence allowance to military observers, mine-clearing personnel, naval observers and personnel of the Engineering Planning and Liaison Cell is provided for. Clothing and equipment allowance is based on the rate of \$200 per person per annum, and travel to and from the mission area is also provided for. No reimbursement is provided to Governments for national salaries and allowances.

(c) Other military personnel

5. Reimbursement to Governments is based on the existing standard rates set by the General Assembly in resolution 45/258 of 3 May 1991 at \$988 per person per month for basic pay, all ranks; \$291 per person per month for a limited number of specialists; and \$70 per person per month for usage factor in respect of personal clothing, gear and equipment, including \$5 per person per month for personal weaponry and ammunition.

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(d) Civilian personnel costs

6. Salaries and staff costs of international staff are net of staff assessment and are based on standard costs for New York for staff in the Professional category and above and the General Service category; and for administrative/technical staff in the Field Service category.

7. Salaries for locally recruited staff are based on the scale currently in effect for Phnom Penh.

8. Civilian police are paid a mission subsistence allowance at the rates and conditions specified in paragraphs 2 and 3 above. No reimbursement is provided to Governments for national salaries and allowances.

II. REQUIREMENTS

1. Military personnel costs

(a) Military observers

9. The estimates provide for 483 military observers, 182 mine-clearing personnel, 209 naval observers, 39 personnel of the Engineering Planning and Liaison Cell and 5 military staff

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officers.

(i) Subsistence allowance

	<u>United States</u> <u>dollars</u>
1 Nov 1991 to 31 Oct 1992 revised apportionment	25 204 100
1 Nov 1992 to 30 Apr 1993 estimate	24 092 900
1 May to 31 Jul 1993 estimate	12 246 100

10. Provision is made for the payment of subsistence allowance to each of the personnel listed in paragraph 9 above for every day of service in the mission area. The calculations are based on the subsistence rates indicated in paragraphs 2 and 3 above.

The calculations are as follows:

	<u>Person</u> <u>days</u>	<u>Rate</u> \$	<u>Cost</u> \$
1 Nov 1992 to 30 Apr 1993	166 158	145	24 092 900
1 May to 31 July 1993	<u>84 456</u>	145	<u>12 246 100</u>
	<u>250 614</u>		<u>36 339 000</u>

(ii) Travel costs

United States
dollars

1 Nov 1991 to 31 Oct 1992 revised apportionment	2 440 400
1 Nov 1992 to 30 Apr 1993 estimate	1 170 000
1 May to 31 Jul 1993 estimate	1 192 100

11. Provision is made for the travel of military observers as follows:

<u>Purpose</u>	<u>No.</u>	<u>Rate</u>	<u>Cost</u>
		\$	\$
Rotation (round-trip travel)	450	2 600	1 170 000
Repatriation (one-way travel)	918	1 300	<u>1 192 100</u>
			<u>2 362 100</u>

(iii) Clothing and equipment allowance

United States
dollars

1 Nov 1991 to 31 Oct 1992 revised apportionment	131 200
1 Nov 1992 to 30 Apr 1993 estimate	69 000
1 May to 31 Jul 1993 estimate	51 000

12. Provision is made for the payment of a clothing allowance at the rate of \$200 per annum per military personnel mentioned in paragraph 4 above.

(b) Military contingent

(i) Standard troop cost reimbursement

	<u>United States</u> <u>dollars</u>
1 Nov 1991 to 31 Oct 1992 revised apportionment	82 052 100
1 Nov 1992 to 30 Apr 1993 estimate	100 732 700
1 May to 31 Jul 1993 estimate	27 877 200

13. Provision is made for reimbursement to troop-contributing Governments for military personnel provided to UNTAC for some 91,452 troop months for the six-month period from 1 November 1992 to 30 April 1993 and for some 35,486 troop months for the three-month period from 1 May to 31 July 1993, at the standard rates specified in paragraph 5 above.

14. The estimates provide for the phasing-out of six infantry battalions in May 1993 and the phasing-out of the rest of the military contingents by July 1993.

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(ii) Welfare

United States
dollars

1 Nov 1991 to 31 Oct 1992 revised apportionment . .	816 000
1 Nov 1992 to 30 Apr 1993 estimate	2 038 800
1 May to 31 Jul 1993 estimate	740 000

15. Provision is made to pay troops for recreational leave at a rate of \$10.50 per day for up to seven days of recreational leave taken during a six-month period of service in the mission area (\$989,400). The estimate also provides for other welfare activities (\$1,789,400).

(iii) Rations

United States
dollars

1 Nov 1991 to 31 Oct 1992 revised apportionment	26 372 300
1 Nov 1992 to 30 Apr 1993 estimate	40 505 000
1 May to 31 Jul 1993 estimate	15 921 700

16. Rations have been supplied by vendors and the price varies depending on the area. Some contingents made their own arrangements. The average cost was about \$15.00 per person per day. UNTAC is seeking a blanket contract from vendors to

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undertake all rations supply for 1993. It is expected that the contract price will not exceed \$15.00 per person per day.

17. Provision is made to supply food and bottled drinking water for 14,129 troops for the period 1 November 1992 to 31 May 1993 and for 9,029 troops thereafter (\$53,191,755). It is assumed that six battalions will depart on 31 May 1993. Provision is also made for food allowance for the 242 Headquarters staff and 153 Military Police for the period 1 November 1992 to 31 July 1993 (\$2,588,040). Provision is also made for overlap (\$647,010). The calculations are as follows:

	<u>US Dollars</u>
(a) 1 November 1992 to 30 April 1993	
14,129 troops x 181 days x \$15 per day	38,360,235
395 staff x 181 x \$24 per day	1,715,880
Overlap	<u>428,970</u>
Total	40,505,085
(b) 1 May 1993 to 31 July 1993	
14,129 troops x 31 days x \$15 per day	6,569,985
9,028 troops x 61 days x \$15 per day	8,261,535
395 staff x 92 days x \$24 per day	872,160
Overlap	<u>218,040</u>
Total	15,921,720

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(iv) Daily allowance

	<u>United States</u>
	<u>dollars</u>
1 Nov 1991 to 31 Oct 1992 revised apportionment .	2 778 100
1 Nov 1992 to 30 Apr 1993 estimate	3 531 300
1 May to 31 Jul 1993 estimate	1 395 100

18. A daily allowance of \$1.28 per day is payable to 15,242 troops (infantry and logistics battalions) for the varying periods they will be in the mission area. The calculations are as follows:

	<u>Person</u>	<u>Rate</u>	<u>Cost</u>
	<u>days</u>	\$	\$
1 Nov 1992 to 30 Apr 1993	2 758 802	1.28	3 531 300
1 May to 31 Jul 1993	1 089 944	1.28	1 395 100

(v) Travel costs

	<u>United States</u>
	<u>dollars</u>
1 Nov 1991 to 31 Oct 1992 revised apportionment	13 101 400
1 Nov 1992 to 30 Apr 1993 estimate	19 531 500
1 May to 31 Jul 1993 estimate	13 195 000

19. Provision is made for the travel of the military contingents as follows:

<u>Purpose</u>	<u>No.</u>	<u>Rate</u>	<u>Cost</u>
		\$	\$
Rotation (round-trip travel)	14 500	1 330	19 285 000
Repatriation (one-way travel)	14 500	910	13 195 000
Allowance for commercial air travel for compassionate reasons	145	1 700	<u>246 500</u>
			<u>32 726 500</u>

(c) Other costs pertaining to contingents

(i) Death and disability compensation

United States
dollars

1 Nov 1991 to 31 Oct 1992 revised apportionment	. 5 000 000
1 Nov 1992 to 30 Apr 1993 estimate	5 000 000
1 May to 31 Jul 1993 estimate	5 000 000

20. Provision is made for the reimbursement to Governments of payments made by them based on national legislation and/or regulations, for death, injury, disability or illness sustained by members of their contingent and attributable to service with UNTAC.

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(ii) Contingent-owned equipment

	<u>United States</u> <u>dollars</u>
1 Nov 1991 to 31 Oct 1992 revised apportionment	16 220 000
1 Nov 1992 to 30 Apr 1993 estimate	15 000 000
1 May to 31 Jul 1993 estimate	14 000 000

21. This estimate provides for payment to troop-contributing Governments of the costs of contingent-owned equipment furnished to their contingents at the request of the United Nations.

2. Civilian personnel costs

(a) Civilian police

22. The implementation plan calls for the provision of a total of 3,600 civilian police.

(i) Mission subsistence allowance

	<u>United States</u> <u>dollars</u>
1 Nov 1991 to 31 Oct 1992 revised apportionment	50 130 300
1 Nov 1992 to 30 Apr 1993 estimate	83 985 000
1 May to 31 Jul 1993 estimate	42 228 000

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23. Provision is made for mission subsistence allowance for 3,600 civilian police officers, taking into account the schedule for the completion of pre-fabricated accommodation units. The calculations are as follows:

	<u>Person</u> <u>days</u>	<u>Rate</u> \$	<u>Cost</u> \$
1 Nov 1992 to 30 Apr 1993	194 600	100	19 460 000
	445 000	145	<u>64 525 000</u>
			<u>83 985 000</u>
1 May to 30 Jul 1993	128 800	100	12 880 000
	202 400	145	<u>29 348 000</u>
			<u>42 228 000</u>

(ii) Travel costs

	<u>United States</u> <u>dollars</u>
1 Nov 1991 to 31 Oct 1992 revised apportionment	. 5 324 700
1 Nov 1992 to 30 Apr 1993 estimate	3 900 000
1 May to 31 Jul 1993 estimate	4 680 000

24. Provision is made for the travel of civilian police as follows:

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<u>Purpose</u>	<u>No.</u>	<u>Rate</u>	<u>Cost</u>
		\$	\$
Rotation (round-trip travel)	1 500	2 600	3 900 000
Repatriation (one-way travel)	3 600	1 300	<u>4 680 000</u>
			<u>8 580 000</u>

(iii) Clothing allowance

	<u>United States</u>
	<u>dollars</u>
1 Nov 1991 to 31 Oct 1992 revised apportionment	400 400
1 Nov 1992 to 30 Apr 1993 estimate	363 000
1 May to 31 Jul 1993 estimate	148 000

25. Provision is made for the payment of a clothing allowance at the rate of \$200 per annum per civilian police.

(b) International and local staff

26. The original estimates were calculated based on a total of 6,391 staff (1,020 international and 5,371 local). For the period from 1 November 1992, it is proposed that the number of international staff be increased by 207 and the number of local staff be decreased by 2,000. The proposed civilian staffing table is shown in annex VII.

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<u>1 Nov. 1992 to 30 Apr. 1993</u>	<u>No. of persons</u>	<u>Person months</u>	<u>Total person months</u>
Professional category and above	537	3 199	
General Service and related category	<u>690</u>	<u>4 020</u>	
Sub-total	1 227	7 219	
Local staff	63 871	92 210	
Interpreters	<u>1 000</u>	<u>1 000</u>	
Total	66 098		100 429
<u>1 May to 31 July 1993</u>			
Professional category	387	1 161	
General Service and related categories	<u>576</u>	<u>1 728</u>	
Sub-total	963	2 889	
Local staff	59 913	62 969	
Interpreters	<u>1 000</u>	<u>1 000</u>	
Total	<u>61 876</u>		<u>66 858</u>
Grand total			<u>167 287</u>

(i) International staff salaries

United States

dollars

1 Nov 1991 to 31 Oct 1992 revised apportionment	13 834 400
1 Nov 1992 to 30 Apr 1993 estimate	30 670 900
1 May to 31 Jul 1993 estimate	12 016 000

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27. The estimate covers net salaries of up to 1,227 international staff for the period from 1 November 1992 to 30 April 1993 (\$30,670,900). For the subsequent three-month period from 1 May to 31 July 1993, the estimate provides net salaries of up to 963 international staff (\$12,016,000).

(ii) Local staff salaries

	<u>United States</u> <u>dollars</u>
1 Nov 1991 to 31 Oct 1992 revised apportionment	1 630 000
1 Nov 1992 to 30 Apr 1993 estimate	15 581 900
1 May to 31 Jul 1993 estimate	11 488 800

28. The related salary and common staff cost estimates for the period from 1 November 1992 to 30 April 1993, provide for net salaries of 63,871 locally recruited staff (\$15,306,800) and 1,000 interpreters (\$275,000) as detailed in annex VIII.

29. For the subsequent three-month period from 1 May to 31 July 1993, the net salaries of 59,913 locally recruited staff amount to \$11,213,800 while those of 1,000 interpreters amount to \$275,000.

(iii) Common staff costs

	<u>United States</u> <u>dollars</u>
1 Nov 1991 to 31 Oct 1992 revised apportionment	6 452 800
1 Nov 1992 to 30 Apr 1993 estimate	16 359 800
1 May to 31 Jul 1993 estimate	7 417 600

30. The provision covers common staff costs (see annex VIII) for international staff (\$19,537,600), local staff (\$4,189,800), interpreters (\$50,000) and representation allowance to eligible staff at the D-2 level and above.

(iv) Mission subsistence allowance

	<u>United States</u> <u>dollars</u>
1 Nov 1991 to 31 Oct 1992 revised apportionment	16 506 600
1 Nov 1992 to 30 Apr 1993 estimate	28 432 500
1 May to 31 Jul 1993 estimate	13 949 400

31. Mission subsistence allowance is payable to the staff assigned to UNTAC based on a total of 226,606 person-days for the period from 1 November 1992 to 30 April 1993 and 112,836 person-days for the period from 1 May to 31 July 1993. It is anticipated that some 1,300 staff will be provided with

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United Nations accommodation. The estimates are based on the subsistence rates indicated in paragraphs 2 and 3 above.

(v) Travel

	<u>United States</u> <u>dollars</u>
1 Nov 1991 to 31 Oct 1992 revised apportionment .	5 031 900
1 Nov 1992 to 30 Apr 1993 estimate	2 729 500
1 May to 31 Jul 1993 estimate	6 503 100

32. Provision is made to cover travel of international staff as follows:

<u>Purpose</u>	<u>No.</u>	<u>Rate</u> \$	<u>Cost</u> \$
Emplacement of additional international staff (one-way travel)	274	3 600	986 400
Rotation (round-trip travel)	486	7 200	3 499 000
Repatriation (one-way travel)	1 227	3 600	4 417 200
Other official travel (round trip, including DSA)	60	5 500	330 000
TOTAL			<u>9 232 600</u>

(vi) Overtime

	<u>United States</u> <u>dollars</u>
1 Nov 1991 to 31 Oct 1992 revised apportionment . . .	71 400
1 Nov 1992 to 30 Apr 1993 estimate	1 000 000
1 May to 31 Jul 1993 estimate	75 000

33. Provision is made for overtime which will be extensively required during the registration and election periods.

(c) United Nations Volunteers

	<u>United States</u> <u>dollars</u>
1 Nov 1991 to 31 Oct 1992 revised apportionment . . .	7 311 800
1 Nov 1992 to 30 Apr 1993 estimate	6 632 400
1 May to 31 Jul 1993 estimate	4 007 200

34. The requirements for the six-month period from 1 November 1992 to 30 April 1993 for the services of United Nations Volunteers (UNV's) are as follows:

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Cost estimates for UN Volunteers

(a) Cost parameters

Administrative Unit cost (per annum)	980 000	
Training costs (per annum)	232 400	
Other personnel costs (per annum)	<u>1 100 000</u>	
PLUS:		
Individual costs		
(a) Variable costs:		
Living allowance (MLA)	11 425	
Living accommodation	7 200	
Resettlement allowance	1 200	19 825
(Monthly variable cost rate)		(19825/12=1652)
(b) Fixed costs:		
Settling-in-grant	1 500	
Medical life insurance	1 200	
Assignment & travel	2 750	
Assignment & travel (HQ)	2 750	
Shipment	500	
Subsistence allowance	1 000	
Simple furniture/durable	<u>0</u>	9 700
Total individual costs	<u>29 525</u>	

(b) Cost for Nov. 1992 to Apr. 1993

Variable costs:	<u>No. of volunteer</u>	<u>Monthly rate</u>	<u>US\$</u>
Nov. 1992	420	1 652	693 840
Dec. 1992	420	1 652	693 840
Jan. 1993	487	1 652	804 524
Feb. 1993	487	1 652	804 524
Mar. 1993	487	1 652	804 524
Apr. 1993	487	1 652	<u>804 524</u>
Total variable costs			4 605 776

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Plus:

Fixed costs (\$9,700-2,750x67)	465 650
Administrative unit cost (prorated) \$980,000x6/12 =	490 000
Other training cost (prorated) \$232,400x6/12 =	116 200
Other personnel cost (prorated) \$1,100,000x6/12 =	550 000
Sub-total	6 227 626
6.5% Programme support cost (6.5%x\$6,227,262) =	<u>404 796</u>
Total costs Nov. 1992 to Apr. 1993	<u>6 632 422</u>

(c) Cost for May to Jul. 1993

	<u>No. of volunteer</u>	<u>Monthly rate</u>	<u>US\$</u>
May 1993	467	1 652	771 484
Jun. 1993	400	1 652	660 800
Jul. 1993	250	1 652	<u>413 000</u>
Total variable costs			1 845 284

Plus:

487 UNV's out travel (487x2,750) =	1 339 250
Administrative unit cost (prorated) \$980,000x3/12 =	245 000
Other training cost (prorated) \$232,400x3/12 =	58 100
Other personnel cost (prorated) \$1,100,000x3/12 =	275 000
Sub-total	3 762 634
6.5% Programme support costs (6.5% x 3,762,634) =	<u>244 571</u>
Total costs May to July 1993	<u>4 007 205</u>

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3. Premises/accommodation

(a) Rental of premises

United States
dollars

1 Nov 1991 to 31 Oct 1992 revised apportionment	. 6 421 400
1 Nov 1992 to 30 Apr 1993 estimate	3 888 300
1 May to 31 Jul 1993 estimate	1 684 900

35. Provision is made for the rental of some 250 premises for offices, warehouses and workshops. Requirements are as follows:

1 Nov 1992 to 30 April 1993

\$648,051 x 6 months = \$3,888,306

1 May 1993 648,051

1 June to 31 July 1993 \$518,441 x 2 1,036,882 \$1,684,993

36. The bulk of leases are in support of operations throughout the provinces. Many are in remote locations for offices for Military Observers, Civilian Police, Civil Administration, and Signal Officers.

Maintenance and alteration of premises

United States

dollars

1 Nov 1991 to 31 Oct 1992 revised apportionment	. 2 763 600
1 Nov 1992 to 30 Apr 1993 estimate	1 415 000
1 May to 31 Jul 1993 estimate	707 500

37. For the period from 1 November 1992 to 30 April 1993, provision is made for the repair and alteration of local government offices, leased premises in 150 district locations, and existing facilities in Phnom Penh such as Pochentong airport, transport workshop, UNTAC headquarters, annex, communications, warehouses, motor pool, field hospital and other UNTAC facilities (\$1,415,000). For the subsequent three-month period, provision is made for the continued maintenance of the above mentioned premises (\$707,500).

(c)

Utilities

United States

dollars

1 Nov 1991 to 31 Oct 1992 revised apportionment	. . 688 000
1 Nov 1992 to 30 Apr 1993 estimate	900 000
1 May to 31 Jul 1993 estimate	225 000

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38. Provision is made for water and electricity charges as well as fuel for generators at all locations throughout the mission area.

(d)	<u>Pre-fabricated units</u>	<u>United States</u>
		<u>dollars</u>
1 Nov 1991 to 31 Oct 1992 revised apportionment		96 202 000
1 Nov 1992 to 30 Apr 1993 estimate		21 397 400
1 May to 31 Jul 1993 estimate		5 000 000

39. Provision is made for the costs associated with the construction of prefabricated accommodation units as follows:

	<u>US dollars</u>
In-country movement	125 000
Site preparation	369 010
Instalment payment on the CCE contract	<u>903 444</u>
Total	<u>1 397 454</u>

40. In addition, provision is made for the complete upgrade of living accommodations of the infantry battalions (\$8,700,000), the logistics and support units (\$3,600,000), installation of security lighting to all military unit areas (\$950,000).

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41. Provision is also made for temporary accommodations for military units who may be relocated to support the election process (\$1,850,000), materials for the construction of bunkers in military unit areas (\$2,450,000), and other materials such as concertina barbed wire, sandbags and pickets for security of military unit areas (\$2,450,000).

42. Provision is also made for dismantling the camps at the end of the mandate (\$3,200,000) and for site clean up and environmental restoration (\$1,800,000).

4. Infrastructure repairs

United States
dollars

1 Nov 1991 to 31 Oct 1992 revised apportionment	12 224 300
1 Nov 1992 to 30 Apr 1993 estimate	11 140 900
1 May to 31 Jul 1993 estimate	5 196 000

43. Provision is made for road, airstrip, bridge, railways and port repairs, including:

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- (a) Road repairs (3,693,900);
- (b) Upgrading of the Strung Treng airfield (4,500,000);
- (c) Repair of Battambang and Kompong Chnnang airstrips (1,500,000);
- (d) Other repairs of airports and helipads (220,000);
- (e) Repair and replace damaged old bridges and reinforcement of poorly maintained bridges (4,423,000);
- (f) Repair of railways and railway bridges (1,500,000); and
- (g) Repair of work at Sihanoukville consisting of upgrading port facilities and access roads; enhancement of security conditions within and outside the facilities (500,000).

5. Transport operations

(a) Purchase of vehicles

United States
dollars

1 Nov 1991 to 31 Oct 1992 revised apportionment 71 573 900
 1 Nov 1992 to 30 Apr 1993 estimate 11 757 000
 1 May to 31 Jul 1993 estimate -

44. Provision is made for the acquisition of 2,318 additional vehicles as shown below.

DESCRIPTION	QTY.	UNIT COST	TOTAL COST
Motorcycles	1,465	1,400.00	2,051,000.00
Trailer, water	93	2,800.00	260,400.00
Bus, heavy	10	140,000.00	1,400,000.00
Minibus	750	9,302.34	6,976,755.00
TOTAL	2,318		10,688,155.00
Plus: Freight (10% of total value)			1,068,815.50
TOTAL			11,756,970.50

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(b) Rental of vehicles

	<u>United States</u> <u>dollars</u>
1 Nov 1991 to 31 Oct 1992 revised apportionment . .	248 700
1 Nov 1992 to 30 Apr 1993 estimate	300 000
1 May to 31 Jul 1993 estimate	200 000

45. Provision is made for the rental of buses, forklifts and cranes as well as vehicles that will be required for UNTAC offices in Bangkok, Singapore and Malaysia. During the election period, 100 rented vehicles for a period of one month will be required.

(c) Workshop and test equipment

	<u>United States</u> <u>dollars</u>
1 Nov 1991 to 31 Oct 1992 revised apportionment . .	310 600
1 Nov 1992 to 30 Apr 1993 estimate	400 000
1 May to 31 Jul 1993 estimate	20 000

46. Provision is made for the acquisition of tools and equipment for the garage facilities in Phnom Penh and seven other provinces: Battambang, Siem Reap, Kratie, Stung Treng, Kompong Cham, Kompong Thom and Sihanoukville. It was necessary to

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establish garage facilities in the provinces due to the inability of the manufacturers that supply the vehicles to UNTAC to set up their own workshops in those provinces.

(d) Spare parts, repairs and maintenance

United States
dollars

1 Nov 1991 to 31 Oct 1992 revised apportionment	. 8 328 200
1 Nov 1992 to 30 Apr 1993 estimate	6 350 000
1 May to 31 Jul 1993 estimate	3 176 000

47. Provision in the amount of \$3,000,000 is made for spare parts and maintenance repairs of mixed fleet of civilian-pattern vehicles from various manufacturers shown below:

<u>Manufacturer</u>	<u>estimated</u> <u>No. of vehicles</u>
Company A	2 500
Company B	990
Company C	2 200
Other make vehicles and motorcycles	2 745

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48. In addition, provision is made for spare parts required for 3,218 contingent-owned vehicles (\$6,526,000). Annex XIV provides details on the estimated requirements.

(e) Petrol, oil and lubricants

	<u>United States</u>
	<u>dollars</u>
1 Nov 1991 to 31 Oct 1992 revised apportionment	. 4 269 800
1 Nov 1992 to 30 Apr 1993 estimate	5 400 000
1 May to 31 Jul 1993 estimate	4 500 000

49. The cost of petrol, oil and lubricants is estimated on the basis of all vehicles travelling an average of 46 miles per day. It is, however, anticipated that during the registration process, the daily average for UNTAC vehicles would approximate, or even exceed 75 miles per day.

(f) Vehicle insurance

	<u>United States</u>
	<u>dollars</u>
1 Nov 1991 to 31 Oct 1992 revised apportionment . .	609 400
1 Nov 1992 to 30 Apr 1993 estimate	741 700
1 May to 31 Jul 1993 estimate	370 800

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50. The cost of third-party vehicle insurance is estimated at an average cost of \$150 per vehicle.

6. Air operations

51. Annex XXII provides details on the number of helicopters and fixed-wing aircraft required for the period from March 1992 to July 1993.

(a) Helicopters

	<u>United States</u> <u>dollars</u>
1 Nov 1991 to 31 Oct 1992 revised apportionment	18 045 500
1 Nov 1992 to 30 Apr 1993 estimate	32 682 000
1 May to 31 Jul 1993 estimate	13 433 400

(i) Hire/charter costs

52. Provision is made for the commercial hiring of eight heavy transport helicopters for the period from 1 November 1992 to 31 January 1993 (\$13,929,900), and a reduction to four heavy transport helicopters for the period from 1 February to 31 July 1993 (\$14,639,700). It is anticipated that airports will be reopened during this period, at which time heavier payloads

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will be taken over by fixed-wing aircraft.

53. Provision is also made for the continued charter of 20 medium helicopters through 31 July 1993 (\$11,755,800).

54. In addition, provision is made for the hiring of six utility tactical transport helicopters and six light observation helicopters for the period from 1 November to 31 December 1992, three of each type for the period from 1 January to 31 March 1993 (\$2,985,000). For the period from 1 April to 30 June 1993, the requirements would be for six of each type, and three of each type for the month of July 1993 (\$2,805,000).

55. Calculations are based on monthly charter costs of \$530,000, \$57,000, \$75,000 and \$50,000 for the heavy transport helicopters, medium transport helicopters, utility tactical helicopters and light observation helicopters, respectively. The monthly rental charges include a minimum of 75 flight hours for each helicopter. No provision is made for the costs of six utility helicopters provided by the French as a voluntary contribution.

56. Annex XV provides details on contract charges for helicopters.

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(ii) Aviation fuel and lubricants

United States
dollars

1 Nov 1991 to 31 Oct 1992 revised apportionment	. 3 999 800
1 Nov 1992 to 30 Apr 1993 estimate	4 833 400
1 May to 31 Jul 1993 estimate	2 416 600

57. Estimates from 1 November 1992 to 31 July 1993 are based on .35 per litre and on consumption of 1,769 litres per hour, 520 litres per hour, 450 litres per hour, 230 litres per hour and 165 litres per hour for heavy, medium, utility (2 types) and light observation helicopters, respectively, all flying a minimum of 75 hours per month each (\$7,250,000).

Heavy transport (MI-26)

8 X (1,769 litres X 75 hours X 3 months X .35 per litre) =	1 114 470.00 (Nov 92-Jun 93)
4 X (1,769 litres X 75 hours X 6 months X .35 per litre) =	<u>1 114 470.00</u> (Feb 93-Jul 93)
Sub-total	<u>2 228 940.00</u>

Medium transport (MI-17)

20 X (520 litres X 75 hours X 9 months X .35 per litre) =	<u>2 457 000.00</u> (Nov 92-Jul 93)
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Utility - Type A (AS300)

6 X (450 litres X 75 hours X
9 months X .35 per litre) = 637 875.00 (Nov 92-Jul 93)

Utility - Type B (B212)

6 X (230 litres X 75 hours X
2 months X .35 per litre) = 72 450.00 (Nov 92-Dec 92)

3 X (230 litres X 75 hours X
3 months X .35 per litre) = 54 337.50 (Jan 93-Mar 93)

6 X (230 litres X 75 hours X
3 months X .35 per litre) = 108 675.00 (Apr 93-Jun 93)

3 X (230 litres X 75 hours X
1 month X .35 per litre) = 18 112.50 (Jul 93)

Sub-total 253 575.00

Light observation (B206)

6 X (165 litres X 75 hours X
2 months X .35 per litre) = 51 975.00 (Nov 92-Dec 92)

3 X (165 litres X 75 hours X
3 months X .35 per litre) = 38 981.25 (Jan 93-Mar 93)

6 X (165 litres X 75 hours X
3 months X .35 per litre) = 77 962.50 (Apr 93-Jun 93)

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3 X (165 litres X 75 hours X

1 month X .35 per litre) = 12 993.75 (Jul 93)

Sub-total 181 912.50

Lubrication 1 490 700.00

Total 7 250 000.00

(b) Fixed-wing aircraft

(i) Hire/charter costs

United States
dollars

1 Nov 1991 to 31 Oct 1992 revised apportionment . 6 195 100
 1 Nov 1992 to 30 Apr 1993 estimate 7 003 000
 1 May to 31 Jul 1993 estimate 4 434 000

58. Heavy transport aircraft:

Provision is made for the continued hiring of two heavy transport aircraft for the period 1 November 1992 to 31 January 1993 (\$2,100,000) at which point the number may increase to four heavy transport aircraft, or a mix of medium and heavy transport aircraft. Provision is made for the continued charter of four heavy transport aircraft from 1 February to 31 July 1993 (\$8,635,000).

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59. Communication and liaison aircraft:

Provision is made for the continued charter of this same aircraft to 31 July 1993 (\$702,000).

60. No provision is made for the costs of three C160 medium transport aircraft provided by the Government of France as a voluntary contribution. Costs shown are based on a monthly charge of \$350,000 for the heavy aircraft and \$78,000 for the communications and liaison aircraft.

61. Annex XVI provides details on the contract charges for fixed-wing aircraft.

(ii) Aviation fuel and lubricants

United States
dollars

1 Nov 1991 to 31 Oct 1992 revised apportionment	. 1 858 600
1 Nov 1992 to 30 Apr 1993 estimate	2 282 700
1 May to 31 Jul 1993 estimate	1 351 300

62. Estimates from 1 November 1992 to 31 July 1993 are based on .35/litre/hr. and consumption rates of 2,000 litre/hr., 1,120 litre/hr. and 240 litre/hr. for heavy, medium, and light aircraft, respectively, flying at a rate of 100 hrs per month

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(\$3,634,000). Lubricants are estimated at \$400,000.

Heavy transport (C-130)

2 X (2,000 litres X 100 hours X
3 months X .35 per litres) = 420,000.00 (Nov 92-Jan 93)
4 X (2,000 litres X 100 hours X
6 months X .35 per litres) = 1,680,000.00 (Feb 93-Jul 93)
2,100,000.00

Medium transport (C-160)

3 X (1,120 litres X 100 hours X
9 months X .35 per litres) = 1,058,400.00 (Nov 92-Jul 93)

Light aircraft (B-200)

1 X (240 litres X 100 hours X
9 months X .35 per litres) = 75,600.00 (Nov 92-Jul 93)

Lubricants and oil 400,000.00

TOTAL 3,634,000.00

(c) Air crew subsistence allowance

United States

dollars

1 Nov 1991 to 31 Oct 1992 revised apportionment . 1 300 000
1 Nov 1992 to 30 Apr 1993 estimate 1 560 000
1 May to 31 Jul 1993 estimate 780 000

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63. Military Crews. - Crews for the Puma utility helicopters and medium transport aircraft (C160) are administered by the French Unit. Their expenses are covered, whether in Phnom Penh, or on overnight missions, by the French Unit, on the basis of actual receipts submitted. The crews for the Dutch F-27 (18 persons) are accommodated in U-Tapao where the UNTAC pays for room accommodation and provides each crew member with an allowance of US\$30 per day for meals and incidentals.

64. Light aircraft (B200). - Crew of three, reaching five during handover every three months. Contract calls for UNTAC to provide accommodation and meals while outside Phnom Penh. Subsistence allowance applicable to airport location is payable to the crew members when overnight stay is required.

65. L100. - Total crew of 28, all based at U-Tapao. UNTAC pays costs of accommodation and US\$30 per day per person meals and incidentals. In cases where overnight stops are required, applicable subsistence allowance is paid. The contracts require UNTAC to pay accommodation/meals wherever aircraft are located.

66. Medium transport helicopter (MI 17s). - Total crew of 129, including project management staff, of which 51 are outposted. As pre-fabricated units and other UN accommodations become

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available, the crew will occupy those units. In the meantime, the cost of hotel or rented accommodation are paid for and each crew member is paid US\$30 per day for meals and incidentals, except in Phnom Penh, where the contractor is responsible for these costs.

67. Heavy transport helicopter (MI 26). - Total crew of 88, including project management staff, of which 11 are outposted. Currently, UNTAC bears costs of hotel or rented accommodation for outposted individuals and pays allowance of US\$30 per day for meals and incidentals.

(d) Other air operations costs

(i) Air traffic control services and equipment

	<u>United States</u> <u>dollars</u>
1 Nov 1991 to 31 Oct 1992 revised apportionment	10 812 300
1 Nov 1992 to 30 Apr 1993 estimate	2 214 600
1 May to 31 Jul 1993 estimate	-

68. Provision is made for the purchase of air traffic controllers equipment, runway aids, navigation aids and ground power units. In addition, provision is made for into-plane refuelling services at airports throughout Cambodia.

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69. Annex XI provides a summary of estimated expenditure in respect of air traffic control equipment and airfield services.

(ii) Landing fees and ground handling

	<u>United States</u>
	<u>dollars</u>
1 Nov 1991 to 31 Oct 1992 revised apportionment . .	557 000
1 Nov 1992 to 30 Apr 1993 estimate	1 125 000
1 May to 31 Jul 1993 estimate	562 500

70. Provision is made for landing fees and ground handling based on \$2,500 per landing, at approximately 75 landings per month at airports outside Cambodia (\$1,687,500).

(iii) Liability insurance

	<u>United States</u>
	<u>dollars</u>
1 Nov 1991 to 31 Oct 1992 revised apportionment . .	15 000
1 Nov 1992 to 30 Apr 1993 estimate	70 000
1 May to 31 Jul 1993 estimate	-

71. Provision is made for third party liability insurance on military aircraft provided to UNTAC on the basis of \$5,000 per year per aircraft.

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(iv) Fuel storage container

United States
dollars

1 Nov 1991 to 31 Oct 1992 revised apportionment . .	250 000
1 Nov 1992 to 30 Apr 1993 estimate	-
1 May to 31 Jul 1993 estimate	-

72. There are no additional requirements under this heading.

7. Naval operations

(a) Preparation costs

United States
dollars

1 Nov 1991 to 31 Oct 1992 revised apportionment . .	347 200
1 Nov 1992 to 30 Apr 1993 estimate	1 020 800
1 May to 31 Jul 1993 estimate	-

73. Provision is made for preparation costs required to bring the vessels into full operational capacity. In addition, preparation costs will be incurred in respect of the 38 vessels which will be progressively handed over to UNTAC by the Cambodian Navy.

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74. In addition, provision is made for the acquisition of 50 rigid inflatable boats (RIB's) at \$15,500 per boat (\$775,000) for use by the naval element and the civilian police. Safety equipment including life jackets and vests, flares, and fire extinguishers will be required for all vessels, including rented ones (\$245,800).

(b) Fuel

United States
dollars

1 Nov 1991 to 31 Oct 1992 revised apportionment .	1 294 500
1 Nov 1992 to 30 Apr 1993 estimate	5 498 200
1 May to 31 Jul 1993 estimate	2 671 000

75. Fuel requirements are based on an estimated daily requirement for all vessels (25 Cambodian vessels and 50 rigid inflatable boats mentioned in paragraph 74 above; 150 rented small boats and 8 landing crafts mentioned in paragraph 77 below).

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(c) Maintenance cost

United States
dollars

1 Nov 1991 to 31 Oct 1992 revised apportionment	1 022 000
1 Nov 1992 to 30 Apr 1993 estimate	6 990 000
1 May to 31 Jul 1993 estimate	3 495 000

76. Provision is made for the repair and maintenance of vessels mentioned in paragraph 74 above.

(d) Rental of landing crafts

United States
dollars

1 Nov 1991 to 31 Oct 1992 revised apportionment	21 000
1 Nov 1992 to 30 Apr 1993 estimate	3 030 000
1 May to 31 Jul 1993 estimate	1 445 000

77. The leasing of eight landing craft from November 1992 through July 1993 is required at \$50,000 per month per craft (\$3,600,000). For the registration and election periods, the original proposals did not foresee the requirement for boats to transport electoral personnel and other civilian personnel including the civilian police escorts throughout the country to districts and villages that are only accessible by water. Small

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boats will have to be leased for this purpose at \$700/boat per month (\$875,000).

8. Communications

(a) Complementary communication

(i) Communications equipment

	<u>United States</u> <u>dollars</u>
1 Nov 1991 to 31 Oct 1992 revised apportionment	16 073 000
1 Nov 1992 to 30 Apr 1993 estimate	3 306 400
1 May to 31 Jul 1993 estimate	-

78. Provision is made for the acquisition of the following communications equipment:

	<u>Us dollars</u>
<u>VHF radio system</u>	
Mobile/vehicular sets	2,719,900
Antennas for base station	66,000
Masts	135,000
<u>HF radio system</u>	
5-KVA UPS requirement	<u>385,500</u>
3,306,400	

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(ii) Spare parts and supplies

United States
dollars

1 Nov 1991 to 31 Oct 1992 revised apportionment	1 633 600
1 Nov 1992 to 30 Apr 1993 estimate	1 000 000
1 May to 31 Jul 1993 estimate	380 000

79. Provision is made for the purchase of communications spare parts and supplies as follows:

Exicom rural telephone spares and accessories	110 000
Cables heliax and connectors	140 000
Inmarsat spares for quantity 27 units	100 000
Mobile telephone system spares	35 000
Codan Marine/Micom HF Motorola spares	40 000
Rigging spares for towers and masts	40 000
Lightning protection equipment, rods, etc.	80 000
Switchboard spares	35 000
Telephone cabling connectors, terminations, etc.	200 000
High capacity batteries for 600 base stations	200 000
Cryptofax repairs and spare parts	80 000
Spares for converters, inverters, UPS systems	40 000
Intelsat spares	<u>280 000</u>
	<u>1 380 000</u>

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(iii) Workshop and test equipment

United States
dollars

1 Nov 1991 to 31 Oct 1992 revised apportionment . . .	381 100
1 Nov 1992 to 30 Apr 1993 estimate	2 200 000
1 May to 31 Jul 1993 estimate	-

80. General communication test equipment

The test equipment and workshop supplies are required for the following equipment: Exicom rural telephones, Micom HF transceivers, Codan Marine HF transceivers, switchboard equipment, facsimile, photocopier units. 310 000

Satellite earth station test equipment (intelsat)

The order for a considerable amount of test equipment has been held in abeyance, pending the purchase of the intelsat earth station, for which specialized test equipment will be required. 290 000

Battambang workshops test equipment

The Battambang workshop has yet to be established and a considerable amount of workshop tools and equipment for the following workshops will be required: generator workshops, electrical workshops, air-conditioning workshops, special equipment

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workshops, radio workshops.

Additionally, the newly completed workshops here in Phnom Penh have still yet to be fully furnished with test equipment and workshop accessories, many of which are of a specialized nature.

600 000

Supplementary test equipment

To augment the OTCI and the complementary communications projects, it is estimated that some 60 civilian technicians, inclusive of United Nations Volunteers plus up to 100 military technicians will have to be provided with specialized tools, hardware, test equipment, meters and general workshop tools. This will allow generator, electrical, air-conditioning, special equipment, rigging and communications personnel to maintain and service equipment at over 250 different locations.

800 000

Calibration charges for test equipment

All test equipment must be calibrated every six months, and in this connection, it must be returned to the manufacturer for the correct alignment and calibration.

200 000

TOTAL

2 200 000

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(iv) Commercial communications

United States

dollars

1 Nov 1991 to 31 Oct 1992 revised apportionment	. 5 638 600
1 Nov 1992 to 30 Apr 1993 estimate	2 254 000
1 May to 31 Jul 1993 estimate	413 000

81. Provision is made for the cost of international local and mobile telephone services as follows:

Australian FCU Inmarsats	nil
UNTAC-owned Inmarsats	1 080 000
UNTAC radio room Inmarsats	150 000
Mobile telephone bill (international)	194 400
Mobile telephone bill (local)	97 200
IDD lines UNTAC HQ	467 700
IDD lines outside UNTAC HQ	457 700
New York/Bangkok telephone and facsimile charges	<u>220 000</u>
TOTAL	<u>2,667,000</u>

(b) Main trunking contract

There are no additional requirements for equipment, spare parts and supplies and transport and freight costs (sub-paragraph (i) to (ii)).

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(iv) Contractual costs for operation of trunking system

United States

dollars

1 Nov 1991 to 31 Oct 1992 revised apportionment	. 9 888 000
1 Nov 1992 to 30 Apr 1993 estimate	650 000
1 May to 31 Jul 1993 estimate	350 000

82. The contract to provide the commercial telecommunications systems for UNTAC which is referred to as Phase IV and V was awarded to OTC International in the amount of US\$30,287,000. Annex XVII provides the cost breakdown of the contract. The system was estimated to cost \$32,000,000 which included spare parts, freight and other contractual cost.

83. Installation of equipment and site preparation is presently in progress and is due to be completed by 23 November 1992 as scheduled under the contract. Unforeseen operational requirements, and delays in site preparations has resulted in approximately eight weeks delay in the complete installation of all equipment under the contract. It will, therefore, be necessary to extend the contract beyond 23 November 1992 for approximately eight weeks to complete installation of communications equipment delivered under the contract. The estimated cost is \$650,000.

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84. Under the present contract one technician is provided for one year to coordinate and implement the warranty option offered under the contract. In view of the complexity of the nation-wide communications system, and the short experience gained on the system by field service and FCU technicians, it will be necessary to retain the services of 6 OTC technicians to assist with operation and maintenance after the system is handed over to the UNTAC. The estimated cost is \$350,000.

9. Other equipment

(a) Office furniture

	<u>United States</u> <u>dollars</u>
1 Nov 1991 to 31 Oct 1992 revised apportionment	. 3 529 000
1 Nov 1992 to 30 Apr 1993 estimate	1 800 000
1 May to 31 Jul 1993 estimate	600 000

85. Provision is made for the acquisition of office furniture for registration stations and other offices to be set up for the elections.

(b) Office equipment

United States
dollars

1 Nov 1991 to 31 Oct 1992 revised apportionment	. 2 988 300
1 Nov 1992 to 30 Apr 1993 estimate	2 500 000
1 May to 31 Jul 1993 estimate	1 250 000

86. Provision is made for the acquisition of office equipment.

(c) Observation equipment

United States
dollars

1 Nov 1991 to 31 Oct 1992 revised apportionment . .	194 500
1 Nov 1992 to 30 Apr 1993 estimate	1 258 000
1 May to 31 Jul 1993 estimate	50 000

87. Provision is made for the purchase of 100 units of night observation equipment as well as night observation devices, field binoculars and miscellaneous items.

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(d) Data processing equipment

United States

dollars

1 Nov 1991 to 31 Oct 1992 revised apportionment	. 8 649 300
1 Nov 1992 to 30 Apr 1993 estimate	500 000
1 May to 31 Jul 1993 estimate	-

88. Provision is made for the maintenance of hardware, as well as software for electronic data-processing equipment. Provision is also made for software system development.

(e) Petrol tank plus metering equipment

United States

dollars

1 Nov 1991 to 31 Oct 1992 revised apportionment . .	594 400
1 Nov 1992 to 30 Apr 1993 estimate	720 000
1 May to 31 Jul 1993 estimate	-

89. Provision is made for the establishment of mass storage, pumping and metering facilities at Phnom Penh, Battambang and Kompong Som and at locations for three of the five logistical support units. In addition, fuel storage facilities for both diesel and gasoline will continue to be required at the units located at the 172 district capitals.

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(f) Medical equipment

United States

dollars

1 Nov 1991 to 31 Oct 1992 revised apportionment . . .	105 000
1 Nov 1992 to 30 Apr 1993 estimate	235 000
1 May to 31 Jul 1993 estimate	75 000

90. Provision is made for the cost of supplementing and/or replacing medical equipment of the two military medical units and the 17 first aid stations.

(g) Generators

91. Annex XXIII provides details on the acquisition of generators.

United States

dollars

1 Nov 1991 to 31 Oct 1992 revised apportionment	11 948 700
1 Nov 1992 to 30 Apr 1993 estimate	243 000
1 May to 31 Jul 1993 estimate	-

92. Provision is made for the purchase of 250 2 KVA portable generators to be carried by election teams with their camping gear. These portable generators will also be required to provide

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power for the laminating machines which will be carried by the teams during the registration period.

(h) Miscellaneous equipment

United States
dollars

1 Nov 1991 to 31 Oct 1992 revised apportionment	. 3 203 600
1 Nov 1992 to 30 Apr 1993 estimate 1 500 000
1 May to 31 Jul 1993 estimate	750 000

93. The cost estimate provides for fire-fighting equipment, including fire extinguishers for vehicles, fogging machines for insect/pest control, water purification equipment, including water pumps, filters, etc., cleaning equipment, security and safety equipment and assorted tools and equipment for building maintenance, tentage, worn and damaged items and contingencies.

(i) Parts and repair of equipment

United States
dollars

1 Nov 1991 to 31 Oct 1992 revised apportionment	. 2 190 100
1 Nov 1992 to 30 Apr 1993 estimate 800 000
1 May to 31 Jul 1993 estimate 400 000

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94. Provision is made for the contractual maintenance of generators including electrical and mechanical installation, maintenance, repair, operation and maintenance training of U.N. generator installations in Cambodia (\$1,168,980). Provision is also made for parts for generators and water purification equipment (\$31,020).

10. Supplies and services

(a) Miscellaneous services

(i) Audit services

	<u>United States</u> <u>dollars</u>
1 Nov 1991 to 31 Oct 1992 revised apportionment . . .	-
1 Nov 1992 to 30 Apr 1993 estimate	80 000
1 May to 31 Jul 1993 estimate	40 000

95. A provision is made for external audit services for the period.

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(ii) Contractual services

United States

dollars

1 Nov 1991 to 31 Oct 1992 revised apportionment	2 390 000
1 Nov 1992 to 30 Apr 1993 estimate	4 045 500
1 May to 31 Jul 1993 estimate	1 962 900

96. Provision is made for the hiring of an additional 179 United Nations volunteers (\$5,131,930) to perform the following functions in lieu of utilizing commercial contractual services. Annex XX provides details relating to this requirement.

- a. There will be a need for camp managers, tradesmen and other service personnel, who will be responsible for the maintenance of the pre-fabricated units allocated to provincial offices and the 250 eight-man and four-man camps for the district offices. In addition, maintenance services would be required for generators and water purification equipment that will come with the pre-fabricated units.

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b. There will be a need for vehicle maintenance and workshop personnel who would service some 5,686 civilian pattern vehicles as well as some 2,670 contingent-owned vehicles.

c. Office equipment such as photocopiers, facsimile machines, air-condition units would also require maintenance.

97. Provision is also made to cover services provided to contingent personnel, such as laundry, dry cleaning, tailoring and haircutting as well as for contractual services for sewage removal and ground maintenance (\$876,470).

(iii) Security services

United States
dollars

1 Nov 1991 to 31 Oct 1992 revised apportionment . .	137 900
1 Nov 1992 to 30 Apr 1993 estimate	1 400 000
1 May to 31 Jul 1993 estimate	800 000

98. Provision is made for security services because of the continued need to protect United Nations property.

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(iv) Medical treatment and services

United States
dollars

1 Nov 1991 to 31 Oct 1992 revised apportionment . . .	70 700
1 Nov 1992 to 30 Apr 1993 estimate	600 000
1 May to 31 Jul 1993 estimate	400 000

99. Provision is made for medical treatment outside the mission area in those cases that are beyond the capability of the medical units of the mission. In addition, provision is made for medical services at each of the 17 provincial first aid stations through the engagement of 17 UNV general practitioners. Annex XXI provides details on the cost estimates.

(v) Maintenance services

United States
dollars

1 Nov 1991 to 31 Oct 1992 revised apportionment . . .	314 500
1 Nov 1992 to 30 Apr 1993 estimate	300 000
1 May to 31 Jul 1993 estimate	200 000

100. Provision is made for general maintenance and upkeep of all rented premises consisting of over 200 locations including offices, housing accommodation, and warehouses for the duration

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of the mission.

(vi) Claims and adjustments

United States
dollars

1 Nov 1991 to 31 Oct 1992 revised apportionment . . .	1 700
1 Nov 1992 to 30 Apr 1993 estimate	1 198 300
1 May to 31 Jul 1993 estimate	1 200 000

101. A provision is made for settlement of claims lodged by third parties for damages caused by personnel of the Mission excluding third-party claims arising from vehicle or aircraft accidents. A provision is also made for compensation payment to Cambodian mine-clearing personnel who may suffer death or disability while performing their duties.

(vii) Miscellaneous other services

United States
dollars

1 Nov 1991 to 31 Oct 1992 revised apportionment . .	190 400
1 Nov 1992 to 30 Apr 1993 estimate	330 000
1 May to 31 Jul 1993 estimate	270 000

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102. A provision is made to cover other miscellaneous services, not included elsewhere.

(b) Miscellaneous supplies

(i) Stationery and office supplies

United States

dollars

1 Nov 1991 to 31 Oct 1992 revised apportionment	. 1 818 500
1 Nov 1992 to 30 Apr 1993 estimate	1 800 000
1 May to 31 Jul 1993 estimate	800 000

103. Provision is made for office supplies, including data-processing supplies and reproduction materials and for printing of forms, pamphlets, instructions, etc., for the international, as well as the local staff of the mission.

(ii) Medical supplies

United States

dollars

1 Nov 1991 to 31 Oct 1992 revised apportionment	. 3 369 100
1 Nov 1992 to 30 Apr 1993 estimate	3 880 000
1 May to 31 Jul 1993 estimate	1 000 000

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104. Provision is made for medical and dental supplies required for the military medical units and supplies for the dispensaries at the 17 provincial capitals and the cost of vaccines for inoculations and follow-up vaccinations.

(iii) Sanitation and cleaning materials

United States
dollars

1 Nov 1991 to 31 Oct 1992 revised apportionment . .	171 000
1 Nov 1992 to 30 Apr 1993 estimate	150 000
1 May to 31 Jul 1993 estimate	75 000

105. Provision is made for sanitation and cleaning materials.

(iv) Subscriptions

United States
dollars

1 Nov 1991 to 31 Oct 1992 revised apportionment . .	33 800
1 Nov 1992 to 30 Apr 1993 estimate	47 500
1 May to 31 Jul 1993 estimate	18 500

106. Provision is made for subscriptions to newspapers, periodicals, airline guides, professional publications, and library books.

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(v) Ballistic protective blankets for vehicles

United States

dollars

1 Nov 1991 to 31 Oct 1992 revised apportionment . .	575 000
1 Nov 1992 to 30 Apr 1993 estimate	287 000
1 May to 31 Jul 1993 estimate	-

107. The original provision for the installation of ballistic protective blankets on 4,000 vehicles will no longer be required. Instead, provision is made for the purchase of jackets/blankets for aircraft.

(vi) Uniform items, flags and decals

United States

dollars

1 Nov 1991 to 31 Oct 1992 revised apportionment . .	673 000
1 Nov 1992 to 30 Apr 1993 estimate	600 000
1 May to 31 Jul 1993 estimate	250 000

108. Provision is made for standard issues of blue helmets, berets, field caps, shoulder patches and emblems, field service personnel uniforms, protective clothing, medal sets, armbands, field caps and badges for the 3,600 civilian police and 480 observers, fragmentation jackets, United Nations flags and decals

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for vehicles, buildings, vessels and aircraft and other miscellaneous clothing, including protective clothing for technical/maintenance personnel and uniforms for drivers.

(vii) Field defence stores

United States
dollars

1 Nov 1991 to 31 Oct 1992 revised apportionment . .	179 000
1 Nov 1992 to 30 Apr 1993 estimate	750 000
1 May to 31 Jul 1993 estimate	225 000

109. Provision is made for purchase of sand bags, barbed wire and concertina wire, fence pickets, road block and barrier materials, gabions, sentry boxes and watchtowers plus other security installations.

(viii) Operational maps

United States
dollars

1 Nov 1991 to 31 Oct 1992 revised apportionment . .	382 600
1 Nov 1992 to 30 Apr 1993 estimate	60 000
1 May to 31 Jul 1993 estimate	10 000

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110. Provision is made for the purchase of maps required for operational use and for the purchase or reproduction of maps required for registration and election-related purposes.

(ix) Quartermaster and general stores

United States

dollars

1 Nov 1991 to 31 Oct 1992 revised apportionment . .	985 200
1 Nov 1992 to 30 Apr 1993 estimate	550 000
1 May to 31 Jul 1993 estimate	250 000

111. Included under this heading are the many household items required for the military contingents, plus butagas supplies for cooking, paper products, batteries, photographic supplies, garbage bags, water and fuel cans, kitchen utensils, insecticide, and other general stores.

(x) Miscellaneous supplies

United States

dollars

1 Nov 1991 to 31 Oct 1992 revised apportionment . .	641 000
1 Nov 1992 to 30 Apr 1993 estimate	561 900
1 May to 31 Jul 1993 estimate	125 000

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112. Provision is made for miscellaneous supplies not listed elsewhere.

11. Election-related supplies and services

(a) Standard kits for registration teams

United States

dollars

1 Nov 1991 to 31 Oct 1992 revised apportionment	. 6 463 700
1 Nov 1992 to 30 Apr 1993 estimate	-
1 May to 31 Jul 1993 estimate	-

113. There are no additional requirements under this heading.

(b) Various election materials

United States

dollars

1 Nov 1991 to 31 Oct 1992 revised apportionment . .	623 400
1 Nov 1992 to 30 Apr 1993 estimate	8 017 600
1 May to 31 Jul 1993 estimate	250 000

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114. The revised estimates are as follows:

- (i) The provision for ballot paper for about 5 million voters, at 0.45 per ballot (\$2,250,000) does not change.
- (ii) Revised requirements for 8,000 polling points/teams, at 1,400 polling stations/sites (i.e., 5 or 6 polling points per polling station) is now estimated at about 50% more in view of the need to resort to a turnkey contract. About 30 different items will have to be put together in a kit for each election team. It is considered safer, faster and far more convenient to subcontract the preparation and assembly of the kits to a specialized, reputable firm. Therefore, the revised requirement for the election kits is \$1,980,000.
- (iii) Camping kits for 8,000 polling teams were originally provided for at an estimated cost of \$180 per kit. The actual cost is \$250/per kit. Kits will be provided to about 5,000, mostly mobile polling teams. Therefore the revised requirements are estimated at \$1,250,000.

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- (iv) The original provision for basic overnight kits for 5,000 international staff and police monitors, and 56,000 local staff, was estimated at \$25 per kit for a total of \$1,525,000. It is now envisaged that kits will be provided to about 38,600 at a current estimate of \$60 per kit for a total of \$2,316,000.
- (v) There is no change in the requirements for armbands, T-shirts and other forms of identification for about 61,000 election supervisors, estimated at \$18 per person for a total of \$1,095,000.

115. Of the total revised requirements of \$8,891,000, the amount of \$8,017,600 relates to the period from 1 November 1992 to 30 April 1993 and \$250,000 relates to the subsequent three-month period from 1 May to 31 July 1993.

(c) Election related contractual services

	<u>United States</u>
	<u>dollars</u>
1 Nov 1991 to 31 Oct 1992 revised apportionment	2 433 000
1 Nov 1992 to 30 Apr 1993 estimate	2 800 000
1 May to 31 Jul 1993 estimate	-

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116. Provision is made for services in direct support of the registration and election phases including the manufacture of voting booths, partitions, trestle tables, direction signs, and ballot boxes, as well as the preparation of the 8,000 polling points, estimated at \$350 per polling point (\$2,800,000).

12. Public information programmes

(a) Equipment

United States
dollars

1 Nov 1991 to 31 Oct 1992 revised apportionment . .	532 000
1 Nov 1992 to 30 Apr 1993 estimate	2 894 000
1 May to 31 Jul 1993 estimate	-

117. An older medium wave radio transmitter has been made available to UNTAC. This will serve as the core of Radio UNTAC. A tender is in process relating to the provision of six additional studios, as well as relay transmitters for the provinces to effect total coverage of Cambodia. The cost of radio studios is estimated at \$492,000. For the radio station to be fully operational a provision of \$2,134,000 is required. In addition, TV/video studio equipment will cost about \$537,000; equipment for graphics, print production and photographic darkroom \$34,000; and electronic data processing equipment

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required in the radio studios \$129,000.

118. The total requirement for equipment is estimated at \$3,426,000, of which \$2,894,000 will be required for the period from 1 November 1992 to 30 April 1992.

(b) Materials and supplies

	<u>United States</u>
	<u>dollars</u>
1 Nov 1991 to 31 Oct 1992 revised apportionment . . .	41 300
1 Nov 1992 to 30 Apr 1993 estimate	125 000
1 May to 31 Jul 1993 estimate	63 500

119. Provision is made for various supplies and materials; photographic supplies (\$20,000); printing and art supplies (\$31,000); audio cassettes (\$92,000); video cassettes (\$64,800); electronic data processing software (\$2,000) and miscellaneous expendables (\$20,000). The requirement for the six-month period from 1 November 1992 to 30 April 1993 amounts to \$125,000 and for the three-month period from 1 May to 31 July 1993 amounts to \$63,500.

(c) Contractual services

United States
dollars

1 Nov 1991 to 31 Oct 1992 revised apportionment . .	149 000
1 Nov 1992 to 30 Apr 1993 estimate	3 215 000
1 May to 31 Jul 1993 estimate	47 500

120. Provision is made for contractual services in support of the information programmes consisting of a technical expert team to staff the new studio complex to operate and run Radio UNTAC. The original assumptions of 30 persons at an all inclusive rate of \$100,000 per person (\$3,000,000) does not change. The tender process for the new studios, and relay transmitter includes the opportunity to bid to provide the services. In addition, it is estimated that \$411,500 would be required for the mass production of materials for training, education and information, organization of seminars, teams and briefings for journalists. Total estimated cost is \$3,411,500, of which \$3,215,000 would be required for the period from 1 November 1992 to 30 April 1993 and \$47,500 for the period from 1 May to 31 July 1993.

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13. Training programmes

United States
dollars

1 Nov 1991 to 31 Oct 1992 revised apportionment . .	190 000
1 Nov 1992 to 30 Apr 1993 estimate	2 398 000
1 May to 31 Jul 1993 estimate	-

121. For the period from 1 November 1992 to 30 April 1993, provision is made for fees and remuneration of consultants, including travel and allowances (\$588,000); equipment (\$270,000); miscellaneous services (\$949,000) and training material and supplies (\$591,000).

14. Mine-clearing programmes

(a) Mine-clearance equipment

United States
dollars

1 Nov 1991 to 31 Oct 1992 revised apportionment .	2 637 700
1 Nov 1992 to 30 Apr 1993 estimate	722 700
1 May to 31 Jul 1993 estimate	-

122. Provision is made for the acquisition of mine-clearance equipment such as navigational systems, miscellaneous equipment for 10 explosive ordinance disposal (EOD) teams and mine

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detectors.

(b) Supplies, services and operating costs

United States

dollars

1 Nov 1991 to 31 Oct 1992 revised apportionment	. 1 349 800
1 Nov 1992 to 30 Apr 1993 estimate	4 510 000
1 May to 31 Jul 1993 estimate	1 348 700

123. The estimated requirements totalling \$5,858,700 for the period from 1 November 1992 to 31 July 1993, are as follows:

124. The mine awareness publicity campaign requirements include television, radio and print production costs for video films television commercials, posters, pamphlets and billboards. The campaign will be carried out at the national (\$598,200), village (\$130,050) and international levels (\$50,000).

125. Mine awareness information gathering, processing and production requirements include computer upgrade (\$25,550), production of mined area map overlays (\$24,800), miscellaneous services (\$75,880), Global Positioning System (GPS) (\$40,000), explosive ordinance disposal (EOD) team (\$37,000) and other supplies and expendables (\$41,000).

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126. Mine field marking and fencing requirements consist of materials and labour (\$952,390).

127. Training requirements are as follows: 63 mechanical mine-clearing teams (\$444,824); mine dog training (\$142,000); training of Cambodian supervisors, trainers and de-mining staff in local areas (\$132,044); and training of EOD teams (\$13,700).

128. Operating costs for up to 40 mine-clearance teams (24 UNTAC-supervised - 16 Cambodian-supervised) at \$10,724 per team per month (\$2,402,176), mechanical clearance (\$121,892); and dog handling and food (\$28,880).

129. In addition, a provision for contingency allowance is included to cover unforeseen requirements (\$598,308).

15. Assistance to factions

(a) Rehabilitation/reintegration assistance
to the demobilized military forces

United States
dollars

1 Nov 1991 to 31 Oct 1992 revised apportionment	. 1 477 300
1 Nov 1992 to 30 Apr 1993 estimate	5 015 200
1 May to 31 Jul 1993 estimate	2 507 500

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130. Provision is made for reintegration assistance to the demobilized forces of the Cambodian parties in the form of training projects.

131. Annex XIX provides details relating to rehabilitation and reintegration projects.

(b) Provision of food to the forces of the Cambodian parties, including transportation and distribution

United States
dollars

1 Nov 1991 to 31 Oct 1992 revised apportionment .	866 400
1 Nov 1992 to 30 Apr 1993 estimate	5 692 000
1 May to 31 Jul 1993 estimate	2 052 000

132. Provision is made for food supplies to be made available for faction personnel and demobilized forces personnel based on a ration cost of \$0.38 per day. The requirements for the period from 1 November 1992 to 30 April 1993 amount to \$5,692,000 and for the three month period from 1 May to 31 July 1993 amount to \$2,052,000.

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16. Air and surface freight

(a) Transport of contingent-owned equipment

	<u>United States</u> <u>dollars</u>
1 Nov 1991 to 31 Oct 1992 revised apportionment	16 320 000
1 Nov 1992 to 30 Apr 1993 estimate	5 840 000
1 May to 31 Jul 1993 estimate	13 415 000

133. Provision is made for the costs of transport of contingent-owned equipment, including the airlift of hospital equipment, medical equipment and medicines.

(b) Military airlift

	<u>United States</u> <u>dollars</u>
1 Nov 1991 to 31 Oct 1992 revised apportionment .	4 664 000
1 Nov 1992 to 30 Apr 1993 estimate	1 660 000
1 May to 31 Jul 1993 estimate	3 835 000

134. Provision is made for the airlift of military equipment and supplies.

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(c) Commercial freight and cartage

United States
dollars

1 Nov 1991 to 31 Oct 1992 revised apportionment . .	594 800
1 Nov 1992 to 30 Apr 1993 estimate	910 400
1 May to 31 Jul 1993 estimate	226 500

135. This provision is made to cover the cost of air and sea freight, plus clearing and handling charges, not included elsewhere in this presentation.

17. Support account for peace-keeping operations

United States
dollars

1 Nov 1991 to 31 Oct 1992 revised apportionment . 4	348 900
1 Nov 1992 to 30 Apr 1993 estimate	8 055 800
1 May to 31 Jul 1993 estimate	4 373 200

136. Provisions are made in accordance with the methodology proposed for the funding of posts authorized from the support account for peace-keeping operations, based on 8.5 per cent of the total net cost of salaries, common staff costs and travel of civilian personnel.

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18. Integrated Management Information System

United States

dollars

1 Nov 1991 to 31 Oct 1992 revised apportionment	-
1 Nov 1992 to 30 Apr 1993 estimate	300 000
1 May to 31 Jul 1993 estimate	100 000

137. Provision is made for a proportional share in the financing of the Integrated Management Information System (IMIS).

19. Staff assessment

United States

dollars

1 Nov 1991 to 31 Oct 1992 revised apportionment	5 000 100
1 Nov 1992 to 30 Apr 1993 estimate	13 152 700
1 May to 31 Jul 1993 estimate	6 017 700

138. Staff costs have been shown on a net basis under budget line item 2 (b). The estimate under this heading represents the difference between gross and net emoluments, that is, the amount of staff assessment to which United Nations staff members are subject in accordance with the Staff Regulations.

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20. Income from staff assessment

United States

dollars

1 Nov 1991 to 31 Oct 1992 revised apportionment	(5 000 100)
1 Nov 1992 to 30 Apr 1993 estimate	(13 152 700)
1 May to 31 Jul 1993 estimate	(6 017 700)

139. This amount is derived from item 19 above.

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Annex V

United Nations Transitional Authority in Cambodia

Comparison of initial and revised cost estimates for the period
 from 1 November 1991 to 31 July 1993

Summary statement

(In thousands of United States dollars)

	<u>Initial cost estimates</u>	<u>Revised cost estimates</u>	<u>Increase/ (decrease)</u>
1. <u>Military personnel costs</u>			
(a) <u>Military observers</u>			
Subsistence allowance	26 342.0	61 543.1	35 201.1
Travel costs	3 176.4	4 802.5	1 626.1
Clothing and equipment allowance	<u>107.4</u>	<u>251.2</u>	<u>143.8</u>
Sub-total	29 625.8	66 596.8	36 971.0
(b) <u>Military contingent</u>			
Standard troop cost reimbursement	183 763.8	210 662.0	26 898.2
Welfare	3 702.0	3 594.8	(107.2)
Rations	126 140.0	82 799.0	(43 341.0)
Daily allowance	6 495.8	7 704.5	1 208.7
Travel costs	<u>23 700.0</u>	<u>45 827.9</u>	<u>22 127.9</u>
Sub-total	343 801.6	350 588.2	6 786.6
(c) <u>Other costs pertaining to contingents</u>			
Death and disability compensation	15 000.0	15 000.0	0.0
Contingent-owned equipment	<u>45 220.0</u>	<u>45 220.0</u>	<u>0.0</u>
Sub-total	60 220.0	60 220.0	0.0

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	<u>Initial cost estimates</u>	<u>Revised cost estimates</u>	<u>Increase/ (decrease)</u>
2. <u>Civilian personnel costs</u>			
(a) <u>Civilian police</u>			
Mission subsistence allowance	149 980.0	176 343.3	26 363.3
Travel	22 320.0	13 904.7	(8 415.3)
Clothing allowance	<u>720.0</u>	<u>911.4</u>	<u>191.4</u>
Sub-total	173 020.0	191 159.4	18 139.4
(b) <u>International and local staff</u>			
International staff salaries	52 976.6	56 521.3	3 544.7
Local staff salaries	32 467.1	28 700.7	(3 766.4)
Common staff costs	34 500.9	30 230.2	(4 270.7)
Mission subsistence allowance	46 998.1	58 888.5	11 890.4
Travel	13 390.3	14 264.5	874.2
Overtime	<u>413.0</u>	<u>1 146.4</u>	<u>733.4</u>
Sub-total	180 746.0	189 751.6	9 005.6
(c) <u>United Nations Volunteers</u>			
	18 702.0	17 951.4	(750.6)
3. <u>Premises/accommodation</u>			
(a) Rental of premises	4 004.1	11 994.6	7 990.5
(b) Maintenance and alterations of premises	5 046.3	4 886.1	(160.2)
(c) Utilities	2 263.9	1 813.0	(450.9)
(d) Pre-fabricated units	<u>226 329.9</u>	<u>122 599.4</u>	<u>(103 730.5)</u>
Sub-total	237 644.2	141 293.1	(96 351.1)
4. <u>Infrastructure repairs</u>	20 800.0	28 561.2	7 761.2

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	<u>Initial cost estimates</u>	<u>Revised cost estimates</u>	<u>Increase/ (decrease)</u>
5. <u>Transport operations</u>			
(a) Purchase of vehicles	92 506.5	83 330.9	(9 175.6)
(b) Rental of vehicles	2 100.0	748.7	(1 351.3)
(c) Workshop equipment	90.0	730.6	640.6
(d) Spare parts, repairs and maintenance	18 813.0	17 854.2	(958.8)
(e) Petrol, oil and lubricants	26 352.7	14 169.8	(12 182.9)
(f) Vehicle insurance	2 857.9	1 721.9	(1 136.0)
Sub-total	142 720.1	118 556.1	(24 164.0)
6. <u>Air operations</u>			
(a) <u>Helicopters</u>			
Hire/charter costs	81 760.0	64 160.9	(17 599.1)
Aviation fuel and lubricants	7 321.2	11 249.8	3 928.6
Sub-total	89 081.2	75 410.7	(13 670.5)
(b) <u>Fixed-wing aircraft</u>			
Hire/charter costs	21 725.0	17 632.1	(4 092.9)
Aviation fuel and lubricants	9 166.0	5 492.6	(3 673.4)
Sub-total	30 891.0	23 124.7	(7 766.2)
(c) <u>Air crew subsistence allowance</u>			
	7 067.0	3 640.0	(3 427.0)
(d) <u>Other air operations costs</u>			
Air traffic control services	20 000.0	13 026.9	(6 973.1)
Landing fees and ground handling	450.0	2 244.5	1 794.5
Liability insurance	15.0	85.0	70.0
Fuel storage container	34.5	250.0	215.5
Sub-total	20 499.5	15 606.4	(4 893.1)

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	<u>Initial cost estimates</u>	<u>Revised cost estimates</u>	<u>Increase/ (decrease)</u>
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7. Naval operations

(a) Preparation costs	2 735.0	1 368.0	(1 367.0)
(b) Fuel	11 083.5	9 463.7	(1 619.8)
(c) Maintenance costs	11 935.0	11 507.0	(428.0)
(d) Rental of landing crafts	<u>1 320.0</u>	<u>4 496.0</u>	<u>3 176.0</u>
Sub-total	27 073.5	26 834.7	(238.8)

8. Communications

(a) <u>Complimentary communication Communications equipment</u>	26 830.1	19 379.4	(7 450.7)
Spare parts and supplies	2 692.4	3 013.6	321.2
Workshop and test equipment	2 859.8	2 581.1	(278.7)
Commercial communications	<u>5 598.8</u>	<u>8 305.6</u>	<u>2 706.8</u>
Sub-total	37 981.1	33 279.7	(4 701.4)
(b) <u>Main trunking contract</u>			
Equipment	20 976.0	15 447.0	(5 529.0)
Spare parts and supplies	3 146.0	1 739.0	(1 407.0)
Transport and freight costs	3 146.0	3 213.0	67.0
Contractual costs for operation of trunking system	<u>4 732.0</u>	<u>10 888.0</u>	<u>6 156.0</u>
Sub-total	32 000.0	31 287.0	(713.0)

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	<u>Initial cost estimates</u>	<u>Revised cost estimates</u>	<u>Increase/ (decrease)</u>
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9. Other equipment

(a) Office furniture	3 265.3	5 929.0	2 663.7
(b) Office equipment	7 877.6	6 738.3	(1 139.3)
(c) Observation equipment	860.0	1 502.5	642.5
(d) Data processing equipment	10 060.0	9 149.3	(910.7)
(e) Petrol tank plus metering equipment	3 700.0	1 314.4	(2 385.6)
(f) Medical equipment	415.0	415.0	0.0
(g) Generators	11 659.7	12 191.7	532.0
(h) Miscellaneous equipment	2 449.1	5 453.6	3 004.5
(i) Parts and repair of equipment	<u>3 437.0</u>	<u>3 390.1</u>	<u>(46.9)</u>
Sub-total	43 723.7	46 083.9	2 360.2

10. Supplies and services

(a) <u>Miscellaneous services</u>			
Audit services	120.0	120.0	0.0
Contractual services	6 858.6	8 398.4	1 539.8
Security services	2 368.0	2 337.9	(30.1)
Medical treatment and services	1 010.0	1 070.7	60.7
Maintenance services	858.0	814.5	(43.5)
Claims and adjustment	2 400.0	2 400.0	0.0
Miscellaneous other services	800.0	790.4	(9.6)
Official Hospitality	<u>0.0</u>	<u>30.0</u>	<u>30.0</u>
Sub-total	14 414.6	15 961.9	1 547.3

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	<u>Initial cost estimates</u>	<u>Revised cost estimates</u>	<u>Increase/ (decrease)</u>
(b) <u>Miscellaneous supplies</u>			
Stationery and office supplies	4 450.0	4 418.5	(31.5)
Medical supplies	3 880.0	8 249.1	4 369.1
Sanitation and cleaning materials	450.0	402.1	(47.9)
Subscriptions	600.0	99.8	(500.2)
Ballistic protective blankets for vehicles	6 400.0	862.0	(5 538.0)
Uniform items, flags and decals	1 796.0	1 523.5	(272.5)
Field defence stores	1 169.1	1 154.0	(15.1)
Operational maps	650.0	452.6	(197.4)
Quartermaster and general stores	1 870.0	1 785.2	(84.8)
Miscellaneous supplies	<u>641.0</u>	<u>1 327.9</u>	<u>686.9</u>
Sub-total	21 906.1	20 274.7	(1 631.4)
11. <u>Election-related supplies and services</u>			
(a) Standard kits for registration teams	3 255.0	6 463.7	3 208.7
(b) Various election materials	12 640.0	8 891.0	(3 749.0)
(c) Election related contractual services	<u>5 100.0</u>	<u>5 233.0</u>	<u>133.0</u>
Sub-total	20 995.0	20 587.7	(407.3)
12. <u>Public information programmes</u>			
(a) Equipment	3 260.0	3 426.0	166.0
(b) Materials and supplies	378.0	229.8	(148.2)
(c) contractual services	<u>3 522.0</u>	<u>3 411.5</u>	<u>(110.5)</u>
Sub-total	7 160.0	7 067.3	(92.7)
13. <u>Training programmes</u>	2 949.7	2 588.0	(361.7)

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	<u>Initial cost estimates</u>	<u>Revised cost estimates</u>	<u>Increase/ (decrease)</u>
14. <u>Mine-clearing programmes</u>			
(a) Mine-clearing equipment	2 216.5	3 360.4	1 143.9
(b) Supplies, services and operating costs	<u>12 557.0</u>	<u>7 208.5</u>	<u>(5 348.5)</u>
Sub-total	14 773.5	10 568.9	(4 204.6)
15. <u>Assistance to factions</u>			
(a) Rehabilitation assistance to the demobilized military forces	14 000.0	9 000	(5000.0)
(b) Provision of food to the forces of the Cambodian parties, including transportation and distribution	<u>27 344.0</u>	<u>8 610.4</u>	<u>(18 733.6)</u>
Sub-total	41 344.0	17 610.4	(23 733.6)
16. <u>Air and surface freight</u>			
(a) Transport of contingent- owned equipment	23 872.0	35 575.0	11 703.0
(b) Military airlift	37 800.0	10 159.0	(27 641.0)
(c) Commercial freight and cartage	<u>3 337.6</u>	<u>1 731.7</u>	<u>(1 605.9)</u>
Sub-total	65 009.6	47 465.7	(17 543.9)
17. <u>Support account for peace-keeping operations</u>	15 363.4	16 778.0	1 414.6
18. <u>Integrated Management Information System (IMIS)</u>	0.0	400.0	400.0
19. <u>Staff assessment</u>	<u>22 084.1</u>	<u>24 170.5</u>	<u>2 086.4</u>
TOTAL, lines 1-19	1 721 596.7	1 603 018.0	(118 578.7)
20. <u>Staff assessment income</u>	<u>(22 084.1)</u>	<u>(24 170.5)</u>	<u>(2 086.4)</u>
NET TOTAL	<u>1 699 512.6</u>	<u>1 578 847.5</u>	<u>(120 665.1)</u>

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Annex VI
United Nations Transitional Authority in Cambodia

Supplementary information on the revised
cost estimates for the period from
1 November 1991 to 31 July 1993

Increase/
(decrease)
(United
States dollars)

1. Military personnel costs

(a) Military observers

(i) Mission subsistence allowance

35 201 100

1. The revised estimate was calculated on the basis of actual dates of arrival and departure of military observers, which are at variance with the number of person days arrived at in the original estimate, the latter being based on the expected phasing-in/phasing-out dates at \$145 per day. In addition, the increase in MSA payments is attributable to the addition of 209 naval observers, 9 mine-clearing personnel, 39 Engineering Planning and Liaison Cell personnel and 5 military staff officers to the original 658 person strength of military observers and mine-clearing team.

Increase/
(decrease)
(United
States dollars)

(ii) Travel costs 1 626 100

2. This estimate was adjusted upward to cover strength of the military observers and mine-clearing team, from 658 to 918.

(iii) Clothing and equipment allowance 143 800

3. This estimate was increased to cover payments of clothing and equipment allowance to 918 persons, instead of 658 previously budgeted for in the original estimate.

(b) Military contingent

(i) Standard troop cost reimbursement 26 898 200

4. The estimates have been revised on the basis of the recommendation of the Secretary-General to phase out the six infantry battalions of 5,120 persons in May 1993 instead of October 1992 as originally planned.

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(ii) Welfare

(107 200)

5. Decrease of \$107,200.

(iii) Rations

(43 341 000)

6. This estimate was revised to reflect the lower ration cost per person per day of \$15, as compared to the original estimate of \$23.80.

(iv) Daily allowance

1 208 700

7. The increase in this estimate was due mainly to the fact that 5,120 persons of the six infantry battalions due to be phased out in October 1992 continued to serve with UNTAC.

(v) Travel costs

22 127 900

8. For the reason explained in 1(b)(iv) above, the travel costs also increased and the original estimate under this heading had to be adjusted upward.

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(c) Other costs pertaining to contingents

9. No change is required to this line item.

2. Civilian personnel costs

(a) Civilian police

(i) Mission subsistence allowance 26 363 300

10. The projection in the original estimate that 95 per cent of the 3,600 civilian police officers would be provided with United Nations accommodation did not materialize. Mission subsistence allowance consequently was paid to all members of the civilian police force at the full rate. Prefabricated accommodation is now expected to be made available to the police officers in November or December 1992.

2. Civilian personnel costs

(ii) Travel (8 415 300)

11. Travel costs were reduced because the civilian police officers did not rotate as scheduled.

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(iii) Clothing allowance

191 400

12. Increase of \$191,400.

(b) International and local staff

9 005 600

13. The salaries of the international and locally recruited staff and common staff costs were projected in the original cost estimates on the basis of their expected dates of joining UNTAC, which were at variance with the actual dates on which they came on board. The revised estimates, therefore, reflect reductions from the original figures. However, it is requested that additional 207 international staff be added from January 1993 till the end of the mission. Therefore the salary is increased by \$3,544,700 for international staff, decreased by \$3,766,400 for locally recruited staff and \$4,270,700 for common staff costs. Upward revisions had to be made to cover increase in mission subsistence allowance (\$11,890,400), travel (\$874,200) and overtime (\$733,400). The increase in MSA payments was due mainly to the fact that, contrary to the original estimate, all the international staff members were paid the full MSA rate of \$145 per person per day, because of

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the non-availability of United Nations prefabricated accommodation, envisaged in the first budget, for 76 per cent of the staff. The increases in travel and overtime estimates were due to operating needs of UNTAC, which were not fully anticipated in the original budget projections.

(c) United Nations Volunteers

(750 600)

14. The decrease in this estimate was due to the fact that UNV had downward revised their original estimate of the requirement of an UNV based on actual experience. The basic remuneration was reduced to \$29,524 per person per year resulting in savings of \$6,476 per person and the related 6.5% programme support costs. It is therefore requested that a provision is made to recruit additional 67 UN volunteers to assist in the registration and election process.

3. Premises/accommodation

(a) Rental of Premises

7 990 500

15. The original cost estimate of \$250,000 per month was grossly understated due to inflation in rental rates,

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underestimation of building space requirements and delay in delivery of prefabricated units.

(b) Maintenance and alteration of premises (160 200)

16. It is expected that the number of rented premises will be reduced due to the completion of prefabricated facilities.

(c) Utilities (450 900)

17. The requirement for utilities is less than originally estimated because the electrical power supply in the mission area is not suitable for powering computers and other office equipment, and power is available only in Phnom Penh. The decrease in this budget line item, however, is offset by a larger requirement for generators and water supply equipment.

(d) Prefabricated units (103 730 500)

18. There was an urgent need from the beginning of the UNTAC operation to provide rented office, warehouse and workshop space. For district offices, no prefabricated

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units were purchased, since these would have arrived too late in the mission area for them to be used. Prefabricated offices were constructed in Phnom Penh, but for Civilian Police district offices, electoral premises, and the Mine Clearing and Training Unit office, the cheapest solution was to rent facilities for short term of the requirements. While pre-fabricated warehouses were provided and all are being used, rented warehouse space is still required for storage of electoral registration kits and communications equipment and medical supplies.

4. Infrastructure repairs

7 761 200

19. Based on actual expenditures for the period 15 March to 31 July 1992 (for airstrip, bridge and road repairs) and forecast requirements through 31 July 1993 (for road, airstrip, bridge, railways and port repairs), an upward revision of the original estimate for this budget line item is required.

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5. Transport operations

(a) Purchase of vehicles

(9 175 600)

20. The revised estimate under this heading covers all the vehicle equipment in the proposed vehicle establishment and, in addition, unforeseen requirements, such as forklifts, vehicles with cranes and vehicles for one military contingent which was deployed without vehicles equipment.

(b) Rental of vehicles

(1 351 300)

21. The revised estimate covers actual expenditures for the period 15 March to 31 July 1992 (\$174,000) and estimated requirements for 1 August to 31 October 1992 (\$75,000) and for the period 1 November 1992 to 31 July 1993 (\$500,000). Rented vehicles for the first two periods include buses, trucks, forklifts, etc, which were not available as yet from UNTAC sources. Rented vehicles for the last period include, in addition, vehicles that will be required for UNTAC offices in Bangkok, Singapore and Malaysia. During the election period, 100 rented vehicles for a period of one month will be required.

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(c) Workshop equipment

640 600

22. The revised estimate covers maintenance facilities in Phnom Penh and seven other provinces: Battambang, Siem Reap, Kratie, Stung Treng, Kompong Cham, Kompong Thom and Sihanoukville. It was necessary to establish garage facilities in the provinces because of the inability of the manufacturers that supply the vehicles to UNTAC to set up their own workshops in those provinces.

(d) Spare parts, repairs and maintenance

(958 800)

23. The reduced estimate under this heading reflects some savings, that may be realized as a result of the fact, as indicated in paragraph 22 above, that UNTAC should become self-sufficient to cover repairs and maintenance of its fleet in the provinces, in the absence of manufacturers-run workshops.

(e) Petrol, oil and lubricants

(12 182 900)

24. Based on UNTAC's expenditure to date, UN-owned vehicles travel an average of 46 miles per day, whereas the original estimate for POL was based on a daily

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average of 75 miles. It is, however, anticipated that when the registration process begins, the daily average for UNTAC vehicles would approximate, or even exceed 75 miles.

(f) Vehicles insurance (1 136 000)

25. The cost of third-party vehicles insurance is negotiated at \$150 per vehicle, which is 36% lower than was originally budgeted for.

6. Air operations

(a) Helicopters

(i) Hire/Charter costs (17 599 100)

26. This reduction of the original estimate is based on actual expenditures for the period 15 March to 31 October 1992 (\$18,045,500) and estimated requirements for the period 1 November 1992 to 31 July 1993 (\$46,115,400).

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(ii) Aviation fuel and lubricants

3 928 600

27. The increase in fuel consumption was due mainly to the many additional flying hours the helicopters must perform. This has been caused by the inability to deploy the aircraft to outlying areas on a full-time basis, as fuel in those areas and accommodation for crews have not been available. Additional transit hours are incurred getting to the few locations where fuel is available. While fuel and accommodations are now becoming more easily available, it is anticipated that each aircraft will continue to fly approximately 75 hours per month due to the sheer volume of logistic support requirements.

(b) Fixed-wing aircraft

(i) Hire/Charter costs

(4 092 900)

28. Airport and scheduling/tasking problems have not allowed the fixed-wing aircraft to be flown to their full potential. The Cambodian authorities recently closed both Battambang and Stung Treng airfields and their reopening is not expected until mid-January 1993 at the earliest. This effectively removes two major air support hubs from fixed-wing use, necessitating the use of the

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M-126 helicopters instead.

(ii) Aviation fuel and lubricants (3 673 400)

29. Decrease of \$3,673,400. This reduction of the original estimate is based on actual expenditures for the period from 15 March to 31 October 1992 (\$1,858,600) and estimated requirements for the period from 1 November 1992 to 31 July 1993 (\$3,634,000).

(c) Air crew subsistence allowance (3 427 000)

30. A subsistence allowance of \$100 per day per person was provided in the original budget for the crews of helicopters and fixed-wing aircraft. In actuality, however, since all members of the aircrews have been accommodated in hotels or rented accommodations paid for by UNTAC, they receive instead a reduced allowance of \$30 per person per day for meals and incidentals. As pre-fabricated units and other United Nations accommodations become available, crews will move there. A reduction of the original estimate under this heading is required.

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- (d) Other air operations costs (6 973 100)
- (i) Air traffic control services and equipment

31. The revised cost estimate under this heading is based on a careful review of requirements, technical details, local condition and cost factor regarding the provision of air traffic control equipment, airfield services and infrastructure repair and upgrade.

- (ii) Landing fees and ground landing 1 794 500

32. The UNTAC fixed-wing aircraft fleet travels to airports in countries outside Cambodia on a consistent basis, for medical evacuation and transport of passengers and freight. Landing, navigation and handling fees are increased for such trips. Landing and navigation fees are charged against UNTAC aircraft by airport authorities in Bangkok, Singapore, Laos and Vietnam. Handling charges are also paid in all these countries for marshalling, parking, chocking, catering, load building, use of ground support equipment, loading and unloading. UNTAC is still negotiating with their authorities for exception from landing and navigation charges without success to date.

(iii) Liability insurance 70 000

33. Increase of \$70,000.

(iv) Fuel storage container 215 500

34. Provision is made for the refurbishment of existing fuel facilities at airports around Cambodia and for the purchase of additional facilities.

7. Naval operations

35. Decrease of \$238,800.

(a) Preparation costs and equipment (1 367 000)

36. The reduced requirement under this heading was partially due to the lower number of Cambodian vessels which were serviceable.

(b) Fuel (1 619 800)

37. The reduced estimate was based on the daily fuel requirements for all vessels including 25 Cambodian

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vessels, 50 rigid, inflatable boats (RIBs), 150 rented small boats and 8 landing craft.

(c) Maintenance cost (428 000)

38. The revised lower requirement under this heading was due to the fact that the Cambodian vessels were not turned over to UNTAC until the end of August 1992.

(d) Rental of landing craft and boats 3 176 000

39. The original estimate did not provide for the requirement for boats to transport electoral personnel and other civilian personnel, including civilian police escorts throughout the country to districts and villages that are accessible only by water. The revised estimate covers the leasing of 8 landing craft from November 1992 through July 1993 at \$50,000 per month for craft and 150 small boats at \$700 per boat per month.

8. Communications

(a) Complementary communication (4 701 400)

(i) Communications equipment

40. Decrease of \$7,450,700.

41. The revised estimate was based on actual expenditure for UNAMIC (\$2,051,100), UNTAC actual expenditure for 15 March to 31 October 1992 (\$14,021,969) and estimated requirements for the period 1 November 1991 to 31 July 1993 for both UNAMIC and UNTAC (\$3,306,400).

(ii) Spare parts and supplies

42. Increase of \$321,200.

43. The revised estimate was based on actual expenditure for UNAMIC (\$214,400) and UNTAC actual expenditure (\$1,419,200) for 15 March to August 1992 and estimated requirements (\$1,380,000).

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(iii) Workshop and test equipment

44. Decrease of \$278,700.

45. The revised estimate was based on UNAMIC actual expenditure for 1 November 1991 to 14 March 1992 (\$221,300) and estimated requirements for 1 November to 31 July 1993 (\$2,200,000).

(iv) Commercial communications

46. Increase of \$2,706,800.

47. This revised, higher estimate than originally budgeted, was based on the Cambodian UNAMIC/UNTAC expenditure for the period 1 November 1991 to 31 October 1992 (\$5,204,800) and UNTAC projected requirements on 1 November 1992 to 31 July 1993 (\$2,667,000).

(b) Main trunking contract

(713 000)

(i) Equipment

48. Decrease of \$5,529,000.

(ii) Spare parts and supplies

49. Decrease of \$1,407,000.

(iii) Transport and freight costs

50. Increase of \$67,000.

(a) Contractual costs for operations
of trunking system

51. Increase of \$6,156,000.

52. The increased requirements under this heading include, inter alia, system design, project management, installation and labour related costs, training, fixed fee and operations and maintenance.

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9. Other equipment

2 360 200

(a) Office furniture

53. Increase of \$2,663,700.

54. Changing requirements dictate an increase in this budget line item's estimate.

(b) Office equipment

55. Decrease of \$1,139,300.

56. This revised estimate was based on revised requirements at UNTAC, which exceed the original budget provisions, both in types and quantities of equipment actually needed.

(c) Observation equipment

57. Increase of \$642,500.

58. The increase in this estimate was due to the need to provide 100 units of night observation equipment, instead of 48, as originally budgeted for.

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(d) Data-processing equipment

59. Decrease of \$910,700.

60. The reduced estimate was based on changing requirements and cost differences between the original and revised estimates.

(e) Petrol tank plus metering equipment

61. Decrease of \$2,385,600.

62. The reduced estimate reflects the costing difference between the original and revised estimates.

(f) Medical equipment

63. No change in this budget line item.

(g) Generators

64. Increase of \$532,000.

65. Changing requirements have necessitated the provision of different types and quantities of generators to meet the operating needs in the field, resulting in a slight upward adjustment of the original estimate under this heading.

(h) Miscellaneous equipment

66. Increase of \$3,004,500.

67. Changing requirements and operating needs not foreseen in the original cost estimate have necessitated an upward revision of this budget line item.

(i) Parts and repair of equipment

68. Decrease of \$46,900.

10. Supplies and services

(a) Miscellaneous services

1 547 300

(i) Audit services

69. No change in this budget line item.

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(ii) Contractual services

70. Increase of \$1,539,800.

71. An upward revision of the original estimate under this heading was required, due to the higher contractual service rates and higher labour costs for installations, repairs and maintenance work, building, sewage disposal, garbage disposal, etc, than originally budgeted for.

(iii) Security services and supplies

72. Decrease of \$30,100.

(iv) Medical treatment and services

73. Increase of \$60,700.

(v) Maintenance services

74. Decrease of \$43,500.

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(vi) Claims and adjustment

75. No change in this budget line item.

(vii) Miscellaneous services

76. Decrease of \$9,600.

(viii) Official hospitality

77. Increase of \$30,000.

(b) Miscellaneous supplies

(1 631 400)

78. All items under this heading (i) through (x), except items (ii) medical supplies and (x) miscellaneous supplies were overstated in the original cost estimate. Items (ii) and (x) must be revised upward to cover larger estimated requirements than originally provided for in the initial cost estimate.

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11. Election-related supplies and services (407 300)

79. This estimate was revised to cover standard kits for registration, election materials and election-related contractual services. Estimated expenditure for the period through 31 October 1992 amounted to \$9,520,100 and estimated requirements for the period 1 November 1992 to 31 July 1993, \$11,067,600.

12. Public information programmes (92 700)

80. The revised estimates cover equipment, materials and supplies and contractual services.

13. Training programmes (361 700)

81. The reduced estimate covers consultants costs, training equipment, miscellaneous services and training materials.

14. Mine-clearing programmes (4 204 600)

82. The reduced estimate covers mine-clearing equipment, and supplies, services and operating costs.

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15. Assistance to factions

(23 733 600)

83. The reduced estimate for rehabilitation/reintegration assistance to the demobilized military forces was due to the fewer soldiers in cantonment sites and shorter periods of cantonment than originally budgeted for. A reduction of \$18,733,600 was made to truly reflect the actual daily rations cost per person of \$0.38 (exclusive of transportation and distribution), as compared to the higher, budgeted cost of \$0.57 (exclusive of transportation and distribution). The estimate was also adjusted to reflect the donation of 1,500,000 meals ready to eat (MREs) for feeding faction personnel (1,500,000 X \$0.38 = \$570,000).

16. Air and surface freight

(17 543 900)

84. The budget provisions for military airlift was overstated by \$27,641,000. However, the costs of transport of contingent-owned equipment were increased by \$11,703,000, due mainly to the need to airlift certain types of shipments, e.g. hospital equipment, medical equipment and medicines donated to UNTAC.

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17. Support account for peace-keeping operations 1 414 600
85. Increase of \$1 414 600.
18. Integrated Management Information System 400 000
86. Increase of \$400,000.
19. Staff assessment 2 086 400
87. Increase of \$2,086,400.

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United Nations Transitional Authority in Cambodia

Proposed civilian staffing table

Location	Current authorized number of posts											Additional/reduced requirements								Grand total				
	Professional and above								GS and FS															
	USG	ASG	D-2	D-1	P-5	P-4	P-3	P-2	Total	UNV	PL	OL	FS	Total	Local staff	Total	P-4	P-3	P-2		UNV	OL	Local	Total
SUBSTANTIVE																								
Office of the SRSG																								
Front office	1	1	1	1	4	3	2	13		2	11		13	9	35									35
Political Adviser				1		1		2			1		1	1	4									4
Legal Adviser			1	1	2	1	1	6		1	4		5	1	12									12
Economic Adviser			1		1			2			2		2	1	5	20							20	25
Information			1	1	3	5	7	4	21		7		7	39	67	29			6				35	102
Office of the Force Commander																								
Commander	1							1			1		1	256	258						(100)	(100)		158
Military headquarters staff											9		9		9									9
Human rights			1	1	2	4	2	10			2		2	6	18	12			4				16	34
Civil administration			1			1	1	3			3		3	1	7	6			1				7	14
Foreign affairs				1		2	3	6			1		1	8	15	5							5	20
Public security				1		5	18	22			4		4	19	45			24					24	69
Information				1	1	2	7	11			3		3	28	40									40
Defense				1		3		4			1		1	4	9									9
Finance				1	5	12	1	19			5		5	25	49									49
Sectoral administration				1		3		4			2		2	3	9	5							5	14
Complaints procedures				1		1	1	3			1		1	1	5									5
Provincial offices			1	21		42	21	85			42		42	168	295									295
Districts													344	344							(200)	(200)		144
Rehabilitation			1	1		2		4			3		3	6	13				2	1			3	16
Electoral component (a)			1	4	7	5	20	37		1	32		33	311 (b)	381	28 (c)							28	409
Provincial offices					21	21	42	84			21		21	332	437									437
District offices								0	400				944	1,344				65 (d)			(480)	(415)		929
Police component			1				1	2			1		1		3									3
Police headquarters staff											9		9	9	18									18
Provinces													530	530								(280)	(280)	250
District level													1,844	1,844							(840)	(840)	1,004	
Total - Substantive	1	2	11	37	45	114	125	4 339	400	4	165	169	4,888	5,796	105	0	24	67	12	(1,900)	(1,692)	4,104		

Location	Current authorized number of posts											Additional/reduced requirements								Grand total						
	Professional and above							GS and FS																		
	USG	ASG	D-2	D-1	P-5	P-4	P-3	P-2	Total	UNV	PL	OL	FS	Total	Local staff	Total	P-4	P-3	P-2		UNV	OL	Local	Total		
OFFICE OF THE DOA			1		1		1		3			1	3		4									1	7	
Administrative services																										
Office of the service Chief				1					1				1		1									2	2	
Finance					1				1				1		1									2	3	
Allowances and pay							1	3	4			3	15		18						20 (e)		20	42	42	
Accounts							1		1			1	4		5									6	6	
Budget							1		1			1	1		2									3	3	
Cashiers								1	1			1	4		5									6	6	
Personnel					1				1				1		1									2	2	
International staff							1	1	2			1	7		8						40 (f)			40	50	
Local staff							1	1	2			2	10		12			1						1	15	
EDP section					1	1	1		3			1	3		4									7	7	
Procurement					1				1				1		1		1	1						2	4	
Contracts							1	2	1	4				3		3									7	7
Purchase							1	2	3				12		12									27	27	
Processing								1	1			2	9		11									12	12	
General services					1				1				1		1					198				198	198	
Property/claims							1		1				1		1			1	1					2	4	
Survey board												1	3		4									4	4	
Inventory/receiving and inspection												1	10		11									11	11	
Accommodation												1	4		5									5	5	
Services unit							1		1				1		1									2	2	
Mail												1	4		5									5	5	
Reproduction												1	1		2									2	2	
Records												1	3		4									4	4	
Service institutes								1	1			1	2		3									4	4	
Translation/interpretation					1	1	7		9				3		3									24	24	
Training unit					1	1	2	2	6			1	3		4									22	22	
Integrated Support Service																										
Office of the service chief				1	1				2			1	1		2									4	4	
Bangkok support office					1		1		2			6	5		11									27	27	
Singapore support office							1		1			3	2		5									15	15	
Provincial offices												80	74		134									274	274	
Supply								1	1			4	5		10									18	18	
Traffic/travel/movcon								1	2	3		4	4		8									20	20	
Security and safety							1		1			31	4		35									36	36	
Building management					1	1	2		4			12	7		19									83	83	
Camp management													5		5									15	15	
Communications												8	38		46									71	71	
Transport Chief													1	2	3									4	4	
Transport officer												8	4		12									112	112	
Fleet operations												3	24		27									95	95	
Maintenance												2	2		4									5	5	
Safety/training																										
Air support, control and coordination							1		1				1		1									2	2	
Total - Administration			1	2	11	17	25	7	63			21	251	177	449	483	965	1	4	1	198	80	(100)	162	1,157	
	1	2	12	39	58	131	150	11	402	400	25	418	177	818	5,371	6,791	108	4	25	263	72	(2,000)	(1,530)	5,261		

Location	Current authorized number of posts													Additional/reduced requirements							Grand total														
	Professional and above									GS and FS																									
	USG	ASG	D-2	D-1	P-5	P-4	P-3	P-2	Total	UNV	PL	OL	FS	Total	Local staff	Total	P-4	P-3	P-2	UNV		OL	Local	Total											
Additional support staff during election period Interpreters															60,800	60,800								60,800	1,000	1,000									67,061
GRAND TOTAL	1	2	12	39	56	131	150	11	402	400	25	416	177	618	67,171	68,591	100	4	25	263	72	(2,000)	(1,530)			67,061									

- (a) For the period from 1 November 1992 to 30 April 1993, excluding 4,000 local staff for four months, 500 locals for one month, 56,000 for one month and 1,000 interpreters for one month. For the period from 1 May to 31 July 1993, excluding 64,000 local staff for 1 month and 1,000 interpreters for 1 month.
- (b) Includes 258 data entry clerks.
- (c) Three of the officers for the Operations Unit and 20 officers for the Compliance, Complaints and Procedures Unit would be required on a short-term basis only to cover the registration period (3 months) and the campaign and polling period (2 months).
- (d) These additional UN Volunteers would be required for a short term period of five months from January to May 1993.
- (e) Additional finance clerks would be required for a period of seven months from January to July 1993.
- (f) Additional personnel clerks would be required for a period of five months from January to May 1993.

ANNEX VIII (A)

United Nations Transitional Authority in Cambodia

Civilian staff and related costs
for the period from 1 November 1992 to 30 April 1993

(in thousands of United States dollars)

Category level	No. of persons	Person months	Annual standard costs			Estimated costs 1 November 1992 to 30 April 1993			Additional estimated costs 1 November 1992 to 30 April 1993					Total estimated costs 1 November 1992 to 30 April 1993				
			Salary	Common staff costs	Staff assessment	Salary	Common staff costs	Staff assessment	Add'l	Person months	Salary	Common staff costs	Staff assessment	Salary	Common staff costs	Staff assessment		
USG	1	6.0	119.7	48.2	50.1	59.9	24.1	25.1								59.9	24.1	25.1
ASG	2	12.0	111.8	44.2	45.4	111.8	44.2	45.4								111.8	44.2	45.4
D-2	12	72.0	97.9	36.7	37.6	587.4	220.2	225.8								587.4	220.2	225.8
D-1	39	234.0	91.7	33.9	34.1	1,788.2	661.1	665.0								1,788.2	661.1	665.0
P-5	56	336.0	83.6	31.0	29.8	2,348.4	868.0	834.4								2,348.4	868.0	834.4
P-4	131	788.0	72.2	26.7	23.6	4,729.1	1,748.9	1,545.8	106	613	3,888.2	1,363.9	1,205.6		8,417.3	3,112.8	2,751.4	
P-3	150	900.0	60.3	22.4	17.4	4,522.5	1,680.0	1,305.0	4	24	120.6	44.8	34.8		4,643.1	1,724.8	1,339.8	
P-2	11	66.0	48.9	18.1	12.1	269.0	99.8	68.6	25	150	611.3	226.3	151.3		880.3	325.9	217.9	
Sub-total	402	2,412.0				14,414.1	5,346.1	4,712.9	135.0	787.0	4,420.1	1,635.0	1,391.7		18,834.2	6,981.1	6,104.6	
GS Prin. level	25	150.0	44.3	16.3	16.1	553.8	203.8	228.3							553.8	203.8	228.3	
GS Other level	418	2,498.0	32.9	12.2	11.8	6,843.2	2,537.8	2,454.4	72	312	855.4	317.2	308.8		7,698.8	2,854.8	2,761.2	
FS	177	1,062.0	40.5	43.0	13.3	3,564.3	3,805.5	1,177.1							3,564.3	3,805.5	1,177.1	
Sub-total	618	3,708.0				10,981.3	6,548.9	3,857.8	72.0	312.0	855.4	317.2	308.8		11,836.7	6,864.1	4,164.6	
Total - International	1,020	6,120.0				25,385.4	11,863.0	8,570.7	207.0	1,099.0	5,275.5	1,952.2	1,696.5		30,670.9	13,845.2	10,269.2	
			Monthly rates															
Local staff	3,113	16,678.0	166	27	31	3,100.5	504.3	579.0							3,100.5	504.3	579.0	
Data entry clerks	258	1,032.0	166	27	31	171.3	27.9	32.0							171.3	27.9	32.0	
Other short-term staff	60,500	72,500.0	166	27	31	12,035.0	1,957.5	2,247.5							12,035.0	1,957.5	2,247.5	
	63,871	82,210.0				15,306.8	2,489.7	2,858.5							15,306.8	2,489.7	2,858.5	
Interpreters	1,000	1,000.0	275	25	25	275.0	25.0	25.0							275.0	25.0	25.0	
Total - Local	64,871.0	83,210.0				15,581.8	2,514.7	2,883.5							15,581.8	2,514.7	2,883.5	
Grand total	65,891.0	89,330.0				40,977.2	14,407.7	11,454.2	207.0	1,099.0	5,275.5	1,952.2	1,696.5		46,252.7	16,359.9	13,152.7	

United Nations Transitional Authority in Cambodia

Civilian staff and related costs
for the period from 1 May 1992 to 31 July 1993

(in thousands of United States dollars)

Category level	No. of persons	Person months	Annual standard costs			Estimated costs 1 May to 31 July 1993			Additional estimated costs 1 May to 31 July 1993					Total estimated costs 1 May to 31 July 1993				
			Salary	Common staff costs	Staff assessment	Salary	Common staff costs	Staff assessment	Add'l	Person months	Salary	Common staff costs	Staff assessment	Salary	Common staff costs	Staff assessment		
USG	1	3.0	119.7	48.2	50.1	29.9	12.1	12.5								29.9	12.1	12.5
ASG	2	8.0	111.6	44.2	45.4	55.6	22.1	22.7								55.6	22.1	22.7
D-2	11	33.0	97.9	36.7	37.6	269.2	100.9	103.4								269.2	100.9	103.4
D-1	35	105.0	91.7	33.9	34.1	802.4	296.6	298.4								802.4	296.6	298.4
P-5	27	81.0	83.8	31.0	29.8	565.7	209.3	201.2								565.7	209.3	201.2
P-4	104	312.0	72.2	26.7	23.6	1,677.2	664.2	613.6	83	249.0	1498.2	554	489.7			3,375.4	1,248.2	1,103.3
P-3	88	258.0	60.3	22.4	17.4	1,296.5	481.8	374.1	4	12.0	80.3	22.4	17.4			1,356.8	504.0	391.5
P-2	9	27.0	48.9	18.1	12.1	110.0	40.7	27.2	25	75.0	305.6	113.1	75.6			415.6	153.8	102.8
Sub-total	275	825.0				5,006.7	1,857.5	1,853.1	112.0	336.0	1,864.1	669.5	562.7			6,870.8	2,547.0	2,235.6
GS Prin. level	25	75.0	44.3	16.3	18.1	276.9	101.9	113.1								276.9	101.9	113.1
GS Other level	362	1,098.0	32.9	12.2	11.8	2,977.5	1,104.1	1,087.9	12	36.0	98.7	36.6	35.4			3,076.2	1,140.7	1,103.3
FB	177	531.0	40.5	43.0	13.3	1,792.1	1,902.8	588.5								1,792.1	1,902.8	588.5
Sub-total	564	1,692.0				5,046.5	3,108.8	1,769.5	12.0	36.0	98.7	36.6	35.4			5,145.2	3,145.4	1,804.9
Total - International	839	2,517.0				10,053.2	4,966.3	3,422.6	124.0	372.0	1,962.8	726.1	618.1			12,016.0	5,962.4	4,040.7
			Monthly rates															
Local staff																		
Admin.	1,528	4,584.0	166	27	31	1,521.9	123.8	142.1								1,521.9	123.8	142.1
Electoral	1,585	1,585.0	166	27	31	283.1	42.6	49.1								283.1	42.6	49.1
Other short-term staff	56,800	56,800.0	166	27	31	9,426.8	1,533.6	1,780.8								9,426.8	1,533.6	1,780.8
	59,913	62,989.0				11,213.8	1,700.2	1,952.0								11,213.8	1,700.2	1,952.0
Interpreters	1,000	1,000.0	275	25	25	275.0	25.0	25.0								275.0	25.0	25.0
Total - Local	60,913	63,989.0				11,488.8	1,725.2	1,977.0								11,488.8	1,725.2	1,977.0
Grand total	81,752	86,488.0				21,542.0	6,691.5	5,399.6	124.0	372.0	1,962.8	726.1	618.1			23,504.8	7,417.6	6,017.7

ANNEX IX

UNITED NATIONS TRANSITIONAL AUTHORITY IN CAMBODIA
 ACQUISITION OF VEHICLES - (UNAMIC and UNTAC)

UNAMIC

DESCRIPTION	QTY.	UNIT COST (US dollars)	TOTAL COST (US dollars)
Sedan, heavy	3	14,115.94	46,983.15
Sedan, medium	4	10,392.22	46,204.20
Sedan, light	8	8,899.21	75,828.97
Pick-up	3	11,088.90	37,902.02
Pick-up	5	11,246.03	60,865.48
Pick-up, double cabin	50	12,373.02	623,286.12
Jeep 4X4	27	17,500.00	477,135.33
Jeep 4X4	12	17,500.00	214,635.33
Jeep 4X4	44	14,139.13	626,757.05
Minibus	7	10,509.42	78,201.27
Minibus	7	12,843.65	94,540.88
Bus, medium	2	21,817.00	48,269.33
Bus, medium	2	25,661.91	55,959.14
Cargo truck	1	17,914.72	22,550.05
Anti-mine vehicle	10	60,031.20	604,947.33
Trailer, water	7	4,000.00	32,635.33
Container handler	1	75,000.00	79,635.33
Ambulance 4X4	3	23,153.17	74,094.84
Ambulance	3	26,765.67	84,932.33
Sub-total:	199		3,385,363.48
Plus: Freight (10% of total value)			338,536.35
TOTAL:			3,723,899.83

UNTAC VEHICLES

DESCRIPTION	QTY.	UNIT COST	TOTAL COST
Sedan, heavy	5	17,627.80	88,139.00
Sedan, medium	22	11,520.93	253,460.46
Sedan, light	70	8,676.74	607,372.09
Sedan, light	43	8,531.25	366,843.75
Sedan, light	15	14,000.00	210,000.00
Pick-up, double cabin	1,578	11,740.18	18,526,004.04
Pick-up, double cabin	1,100	12,360.52	13,596,575.74
Pick-up, double cabin	400	12,221.71	4,888,682.17
Jeep	30	19,363.00	580,890.00
Jeep 4X4	400	17,474.61	6,989,844.96
Jeep 4X4	240	18,037.51	4,329,002.03
Jeep 4X4	150	17,399.27	2,609,889.83
Minibus	100	9,302.34	930,234.00
Minibus	2	18,000.00	36,000.00
Bus, medium	6	23,104.00	138,624.00
Truck, 5 ton	100	37,313.22	3,731,322.09
Truck, 5 ton	5	53,424.00	267,120.00
Crane truck, 10 ton	1	85,000.00	85,000.00
Cargo truck	18	DONATION	DONATION
Recovery truck	2	10,000.00	20,000.00
Container handler	4	93,764.75	375,059.00
Motorcycle	1,100	1,443.23	1,587,557.65
Motorcycle	75	1,390.00	104,250.00
Mobile workshop	4	DONATION	DONATION
Recovery vehicle	6	150,000.00	900,000.00
Forklift, 2 ton	3	20,000.00	60,000.00
Forklift, 6 ton	2	50,000.00	100,000.00
Forklift, 6 ton, low mast	6	50,000.00	300,000.00
TOTAL:	5,487		61,681,870.81
Plus: Freight (10% of total value)			6,168,187.08
TOTAL:			67,850,057.89

PROJECTED VEHICULAR REQUIREMENT FOR THE
 PERIOD 1 NOVEMBER 1992 TO 31 APRIL 1993

DESCRIPTION	QTY.	UNIT COST	TOTAL COST
Motorcycles	1,465	1,400.00	2,051,000.00
Trailer, water	93	2,800.00	260,400.00
Bus, heavy	10	140,000.00	1,400,000.00
Minibus	750	9,302.34	6,976,755.00
TOTAL:	2,318		10,688,155.00
Plus: Freight (10% of total value)			1,068,815.50
TOTAL:			11,756,970.50

ANNEX X
UNITED NATIONS TRANSITIONAL AUTHORITY IN CAMBODIA
PROPOSED AND CURRENT VEHICLE ESTABLISHMENT

	CAR HEAVY		CAR MEDIUM		CAR LIGHT		4x4 DIESEL		D/C PICKUP 4x4		MINIBUS 9-15 PSE		BUS MEDIUM		BUS HEAVY		AMBULANCE 4x4		TRUCK 6 TONS		CONTAINER HANDLER		TRAILER WATER		WOLF ANTIMINE VEH		MOTORCYCLES		GRAND TOTAL	VARIANCE	
	PE	PR	PE	PR	PE	PR	PE	PR	PE	PR	PE	PR	PE	PR	PE	PR	PE	PR	PE	PR	PE	PR	PE	PR	PE	PR	PE	PR			
1. OBRSG	3	3	5	5	11	11																							19	19	0
2. ELECTORAL: HQ, PROV, DIST			1	1	5	5	208	208																					274	274	0
3. ELECTORAL TEAMS							800	0	825	825															1200	1200	2025	2025	-800		
4. REGISTRATION TEAM							1800	1800																			800	800	2400	2400	0
5. CIV ADMINISTRATION HQ, PROV			1	1	24	24	71	71																			200	200	260	260	0
6. REHABILITATION			1	1			2	2																				3	3	0	
7. HUMAN RIGHTS			1	1	3	3	1	1																				3	3	0	
8. CIVIL POLICE			1	1	24	41	1820	1240	10	9																44	270	1720	1570	-159	
9. ADMIN SUPPORT + POOL	2	5	5	11	35	42	180	388	20	21	10	10	10	10	5	20	20									20	20	288	525	237	
10. MILITARY COMPONENT *			7	1	10	18	298	432	13	11						5	80	80	1	5	100	100	10	10			150	307	811	304	
11. GHANBATT								30												19								0	49	49	
GRAND TOTAL	5	8	22	22	140	140	4510	4030	866	866	10	10	10	10	5	5	100	119	1	5	100	100	10	10	2264	2540	8044	8004	-40		

PE = PROPOSED ESTABLISHMENT (AS PER GENERAL ASSEMBLY DOCUMENT A/46/203 OF 07/03/92)
 PR = PRESENT ESTABLISHMENT AS OF 12/10/92
 * NOTE: MIL. COMP INCLUDES VEHICLES ON LINES 10 TO 14 OF THE PROPOSED ESTABLISHMENT DTD 02/04/92

- 5 FORKLIFTS
- 5 CRANE TRUCKS
- 14 RECOVERY TRUCKS
- 4 MOBILE WORKSHOPS

ANNEX XI

United Nations Transitional Authority in Cambodia

Summary of estimated expenditure
for air traffic control equipment and airfield services

	FIXED COSTS	OPERATING COSTS	TOTAL COSTS
<u>AIR TRAFFIC CONTROL EQUIPMENT</u>			
Air Traffic Control	2,600,000.00		2,600,000.00
Airfield Lighting/Approach Aid	500,000.00		500,000.00
Navigational Aids	1,200,000.00		1,200,000.00
Services (site prep/installation)	800,000.00		800,000.00
Maintenance & Engineering (9 mos.)	700,000.00		700,000.00
Manpower (Controllers) (104,242 pm x 9)		938,178.00	938,178.00
Sub-total	5,800,000.00	938,178.00	6,738,178.00
<u>AIRFIELD SERVICES</u>			
Refuelling Equipment & Services (166,580 pm x 9)		1,499,220.00	1,499,220.00
Facilities	108,000.00		108,000.00
Crash Rescue	720,000.00		720,000.00
Materials (chemical: 9 mos.)	100,000.00		100,000.00
Extinguishers	100,000.00		100,000.00
Ground Power Units	570,544.00		570,544.00
Material Handling Equipment (120,000 pm x 9)		1,080,000.00	1,080,000.00
Manpower (Aircraft Tasking) (99,906 x 9)		899,154.00	899,154.00
Manpower (Crash/Rescue) (134,656 pm x 9)		1,211,904.00	1,211,904.00
Sub-total	1,598,544.00	4,690,278.00	6,288,822.00
TOTAL	7,398,544.00	5,628,456.00	13,027,000.00

United Nations Transitional Authority in Cambodia

Complementary communications equipment

COMMUNICATIONS EQUIPMENT
(in US Dollars)

Serial Description	No. of Units as per Budget Line	No. of Units Purchased	UNTAC						UNAMIC		
			Items Purchased from UNSD	Budget Line	Amount Spent	Average Unit Cost	Future Obligations	Savings/Overs Balance	Budget Line	Amount Spent	Balance
1. Transportable Satellite System											
a) INMARSAT terminals	30	20	7	910,000.00	839,788.00	31,103.25	-	70,212.00	-	140,000.00	-
b) small telephone switchboard	24	48	-	60,000.00	58,000.00	1,280.00	-	2,000.00	-	-	-
c) telephone instruments	600	700	-	30,000.00	28,000.00	41.00	-	1,000.00	-	-	-
2. Mobile Telephone System											
a) mobile handset	100	70	-	120,000.00	116,211.60	1,660.00	-	3,788.40	-	-	-
3. Telephone Accessories											
a) facsimile machines	26	26	-	91,000.00	91,000.00	3,500.00	-	-	-	-	-
b) accessories — field cable, indoor/outdoor "pair" cables, jumper wires, sockets, connection boxes, etc.	-	lot	-	181,000.00	-	-	-	181,000.00	-	35,668.80	-
4. Terrestrial Distribution System											
a) rural telephones	50	50	-	432,000.00	359,714.00	7,194.00	-	72,286.00	-	133,000.00	-
5. Data Sub-System											
a) stand-alone PC/Transceivers	24	-	-	120,000.00	-	-	-	120,000.00	-	-	-
b) modems	24	-	-	10,000.00	-	-	-	10,000.00	-	104,741.00	-
c) printers	24	-	-	24,000.00	-	-	-	24,000.00	-	-	-
6. Message Switch System											
a) message switch	2	2	-	36,000.00	36,000.00	18,000.00	-	-	-	-	-
b) terminals	35	35	-	168,000.00	168,000.00	4,814.00	-	-	-	-	-
c) printers	35	35	-	35,000.00	35,000.00	1,000.00	-	-	-	-	-
d) interface software	1	1	-	20,000.00	18,108.00	18,108.00	-	1,894.00	-	-	-

Serial Description	No. of Units as per budget line	No. of Units Purchased	Items Purchased from UNSD	UNTAC					UNAMIC		
				Budget Line	Amount Spent	Average Unit Cost	Future Obligations	Savings/Overs Balance	Budget Line	Amount Spent	Balance
7. Interlopes											
a) HF radio telephone	4	-	-	17,000.00	-	-	-	17,000.00	-	-	-
b) HF noise reduction	7	-	-	10,000.00	-	-	-	10,000.00	-	-	-
c) modport/PSTN interface	7	-	-	13,000.00	-	-	-	13,000.00	-	-	-
8. Power System											
a) uninterruptible power supply UPS - 1,000 VA	24	10	-	41,000.00	87,675.00	8,767.50	-	(-46,675.00)	-	-	-
b) solar power system	100	80	-	160,000.00	65,520.00	819.00	-	94,480.00	-	-	-
9. System Management											
a) stand-alone PC	3	-	-	15,000.00	-	-	-	15,000.00	-	-	-
b) printer	3	-	-	5,000.00	-	-	-	5,000.00	-	-	-
c) scanner	1	-	-	2,000.00	-	-	-	2,000.00	-	-	-
d) plotter	1	-	-	5,000.00	-	-	-	5,000.00	-	-	-
e) drafting table	2	-	-	1,000.00	-	-	-	1,000.00	-	-	-
10. VHF Radio System											
a) portable radio sets	1,580	2,580	200	1,300,000.00	1,650,448.00	557.72	-	(-250,448.00)	-	280,000.00	-
b) mobile/vehicular sets	7,090	6,930	130	13,710,000.00	7,348,989.00	1,427.00	2,719,800.00	3,640,111.00	-	470,000.00	-
c) base stations	345	-	-	800,000.00	-	-	-	600,000.00	-	318,880.00	-
d) repeaters and accessories	158	100	23	1,500,000.00	864,295.00	8,728.00	-	635,705.00	-	80,000.00	-
e) antennas for base station	300	250	50	150,000.00	81,923.00	493.00	68,000.00	2,077.00	-	-	-
f) antennas for repeater	150	-	-	150,000.00	-	-	-	150,000.00	-	-	-
g) towers and accessories	227	10	27	600,000.00	111,000.00	3,000.00	-	489,000.00	-	80,000.00	-
h) masts	300	280	20	330,000.00	174,536.00	1,099.00	135,000.00	20,464.00	-	20,000.00	-
11. HF Radio System											
a) mobile/vehicular sets	318	238	82	2,700,000.00	1,256,086.80	6,012.00	-	1,443,913.20	-	343,012.20	-
b) radio-teletype base station	2	-	2	120,000.00	120,000.00	60,000.00	-	-	-	-	-
c) base stations	74	-	-	666,000.00	-	-	-	666,000.00	-	-	-
d) base station power amplifier	4	-	-	-	-	-	-	-	-	48,000.00	-
e) base station antennas	74	40	-	258,000.00	25,100.00	627.00	-	233,900.00	-	-	-
f) machine station	36	36	-	188,000.00	224,577.00	6,238.00	-	(-28,577.00)	-	-	-
g) Interset Station	-	1	-	-	370,000.00	370,000.00	-	(-370,000.00)	-	-	-
h) 5-KVA UPS Requirement	-	50	-	-	-	-	385,500.00	(-385,000.00)	-	-	-
TOTAL	11,785	11,593	562	24,779,000.00	14,021,969.40	-	3,308,400.00	7,450,630.60	2,051,100.00	2,051,100.00	-

ANNEX XIII

United Nations Transitional Authority in Cambodia

Supplementary information on
complementary communications equipment

1. Transportable Satellite System

Line item (a)

Savings of \$70,212.00 was due to discount from bulk purchase of these units.

Line item (b) and (c)

An additional 100 telephones and 22 small switchboards were required to expand the system. This was included within the budget line and a savings of \$3,000.00 was effected.

2. Mobile Telephone System

Seventy (70) units were purchased and actual cost was less than budget line allocation by \$3,788.20.

3. Telephone Accessories

(a) Items purchased as per budget line. Please note additional facsimile machines were purchased under A/C 611 to supplement the Communications Network.

(b) Only a limited amount of these cables and accessories were ordered as the rural telephone system was utilized as a substitute for 50 land lines. Consequently, a savings of \$145,333.20.

4. Terrestrial Distribution System

(a) Rural Phones

The United Nations has standardized these units and consequently, a reduced price applies for purchase by volume. Savings of \$79,286.00 was reflected.

5. Data Sub-Systems

This complex data system was incorporated into the OTCI contract and was never purchased under Complementary Communications budget. However, instead of purchasing 24 terminals which were dependent on some form of phone line, a more versatile smaller capacity rapid deployment system was supplied, complete with its own VHF medium range Communications System. This smaller system did not depend

on the unreliable often non-existent local commercial lines, but was instead an independent communication system by VHF radio means, much more suited to the prevailing condition here in Cambodia. A savings of \$50,259.00 was reflected by purchasing this self reliant smaller radio assisted system.

6. Message Switch System

Interface software proved to be cheaper than estimate, hence savings of \$1,894.00.

7. Interfaces

This particular interface equipment was never ordered as it was found that no requirement existed in the UNTAC operation network, and additionally, the OTCI contract overtook this requirement.

8. Power System

(a) The quantity 24x1 KVA UPS system was considered too small and inefficient. One was purchased for evaluation purposes but was deemed unacceptable. Consequently, 10x5 KVA units were ordered which increased the cost by \$46,675.00.

(b) Solar panels were found to be unsuitable in many locations. Instead, generators are being utilized. Consequently, only a limited amount were ordered resulting in a surplus of \$94,480.00.

9. System Management

This was incorporated into the OTCI contract and consequently, was not purchased under this line item, thereby saving a further \$28,000.00.

10. VHF Radio System

(a) Portable Radio Sets

A requirement was identified for approximately 2,780 handie talkies instead of the 1,580 budgeted, therefore, an additional cost of \$250,448.00 was incurred.

(b) Mobile Vehicular Sets

Quantity of 5,060 VHF mobile transceivers were purchased, 300 of which came with Base Station option. A further 2,000 units are obligated for future purchase.

(c) Base Station

These units were not purchased as 300 units of the mobile transceivers came complete with Base Station option. This facilitated standardization of sets and commonality in sparring.

(d) Repeaters

Only 125 units of the 150 planned repeaters will be required. By purchasing cheaper 25-watt units instead of 100-watt units, further savings was effected.

(e) Antennas for Base Stations

All antennas are required in this line item, \$81,923.00 obligated and a further \$66,000.00 to be obligated, reflecting a savings of only \$2,077.00.

(f) Antennas for Repeaters

Antennas forwarded as part of repeater order, therefore, no requirement for these antennas.

(g) Towers

Of the 200 towers budgeted, only 37 were purchased, the 330 transportable masts as per line item 10 (b) proving to be more expedient, versatile and cost-effective.

(h) Masts

These transportable mobile masts which are highly effective and extremely cost-effective were utilized in place of the more cumbersome masts.

11. HF Radio System

(a) Mobile Sets

Only 82 HF mobile units, some 40 with base station option, were purchased. The military HF System sufficed as an interim means and the OTCI contact forwarded the main HF provision of 100 HF stations for the District Sites.

However, 132 HF units were purchased on behalf of the Ghanaian Battalion who arrived unequipped and a further 25 specialized units were fitted in the Airwing transportation.

(b) Radio Teletype

This unit has been supplied as per line item.

(c) Base Station

No base stations as such were purchased as the military system sufficed, and the OTCI contract will provide the HF base station backbone. However, a number of mobile units (40) forwarded with Base Station option was used.

(d) Base Station Power Amplifier

Quantity of 4 units were forwarded from UNSD Pisa for long distance communications at 1,000 watts to Battambang.

(e) Base Station Antennas

Quantity of 40 Base Station antennas only were purchased to facilitate the use of 40 mobile units fitted with Base Station option.

(f) Marine Station

The budget line underestimated these marine transceivers. Subsequently, the cost of longer antennas and specialized DC to DC converters increased cost by \$36,577.00 over the budget estimate.

ANNEX XIV.

United Nations Transitional Authority in CambodiaContingent-owned vehicles - Spare parts (cost estimates)

SER NO	CONTINGENT/UNIT	NUMBER OF VEHICLES	TOTAL VALUE	COST/VALUE OF 6-MONTHS DEMAND	PERCENTAGE OF 6-MONTH DEM. TO TOTAL VALUE	FINALE ALLOCATION 4.5% OF TOTAL VALUE
A	B	C	D	E	F	G
1	AUSTRALIAN SIGNAL UNIT	123	4,228,128.00USD	150,712.00USD	3.5%	190,000.00USD
2	BANGLADESH BATT	105	2,457,285.00USD	26,949.00USD	1.0%	110,000.00USD
3	BULGARIAN BATT	150	3,155,655.00USD	25,307.00USD	0.8%	140,000.00USD
4	CANADIAN TRANSPORT COY	102	3,757,944.00USD	[170,000.00USD]	4.5%	170,000.00USD
5	CHILEAN NAVY	3	60,000.00USD	2,377.00USD	3.9%	3,000.00USD
6	CHINESSE ENGR BATTALION	142	11,354,000.00USD	48,607.00USD	0.5%	510,000.00USD
7	DUTCH BATT DUTCH MOV CON DUTCH AIR UNIT	[200]\ 27 =245 18 /	[13,500,000.00USD] 1,292,815.00USD 1,083,500.00USD	[600,000.00USD] 25,871.00USD [48,000.00USD]	4.5% 2.0% 4.5%	706,000.00USD
8	RFENCH BATT FRENCH ENGR COY FRENCH AIR UNIT	471 \ 118 =647 58 /	40,503,519.00USD	1,283,583.00USD	3.0%	1,800,000.00USD
9	GERMAN FD HOSP	30	1,694,054.00USD	17,852.00USD	1.0%	75,000.00USD
10	GHANA BATT	8	169,976.00USD	25,416.00USD	15.0%	8,000.00USD
11	INDIAN BATT INDIAN FD HOSP	99 =174 75 /	1,918,696.00USD	51,366.00USD	2.7%	85,000.00USD
12	INDO BATT 1 INDO BATT 2	67 =167 100 /	5,297,198.00USD	56,527.00USD [85,000.00USD]	2.6% 4.5%	235,000.00USD
13	JAPANESE ENGR BATT	333	23,000,000.00USD	[1,000,000.00USD]	4.5%	1,000,000.00USD
14	MALAYSIAN BATT	146	2,749,258.00USD	81,000.00USD	2.9%	120,000.00USD

A	B	C	D	E	F	G
15	PAKISTAN BATT PAKISTAN LOG COY	99 =154 55 /	2,826,386.00USD	137,741.00USD	4.8%	125,000.00USD
16	POLISH LOG COYS POLISH ENGR COY	200 =274 74 /	11,612,660.00USD	231,445.00USD	2.0%	520,000.00USD
17	PHILIPPINE NAVY	8	[200,000.00USD]	[9,000.00USD]	4.5%	9,000.00USD
18	THAI ENGR BATT	161	7,767,197.00USD	236,263.00USD	3.0%	345,000.00USD
19	TUNISIAN BATT	136	6,314,545.00USD	253,462.00USD	4.0%	280,000.00USD
20	URUGUAY BATT URUGUAY NAVY	108 =110 2 /	2,137,000.00USD	468,100.00USD	22.0%	95,000.00USD
	TOTAL:	3218	147,079,000.00USD	5,034,578.00USD		6,526,000.00USD

[] - Estimated data - not received from the units.

ANNEX XV

United Nations Transitional Authority in Cambodia
Helicopters - Contract Charges

(a) AS330 - PUMA

1. These six (6) helicopters are provided by France as a voluntary donation. UNTAC pays crew support costs, fuel and any handling charges incurred.

(b) Mi-17 - SKYLINK (CPTS/CON/62/92)

2. This contract provides for 18 Mi-17 helicopters plus two standby crafts. Contract was initially from mid-May to 14 August, and has since been extended to 31 October and extension to the end of mission has been requested.

<u>Fixed Charges</u>	<u>US dollars</u>
Positioning	1,100,000.00
Depositioning	480,000.00
Painting	100,000.00
Monthly Base Cost	1,025,400.00
Hourly rate over 1080/month	780.00

Obligated to Date

Positioning/Depositioning/Painting	1,680,000.00
Base Cost (May to Oct)	5,463,800.00
5418 additional hours over the period	4,226,040.00

	11,369,840.00

3. These helicopters were chartered on the basis of a minimum monthly flying rate of 1080 hours (55 hrs/18 a/c/month). In fact, this monthly minimum has been consistently exceeded. This has been caused by an inability to deploy helicopters to outlying areas on a full-time basis, as fuel in the area and accommodations for crews have not been available. This has added many additional hours as helicopters must transit from Phnom Penh to pickup sites, perform the task, then transit back to Phnom Penh. Additional transit hours are incurred getting to the few locations where fuel is available. Fuel and accommodations are now becoming more easily available in the country, however, it is anticipated that each aircraft will continue to fly approximately 75 hrs. per month due to the sheer volume of logistics support requirements for which this helicopter is stationed here.

Projected Costs:

1 November 1992 - 30 April 1993

US dollars

Base Cost	6,152,400.00
Additional Hours (20 a/c mon)	1,684,800.00

	7,837,200.00

Projected Costs:

1 May 1993 - 31 July 1993

Base Cost	3,076,200.00
Additional Hours (20 a/c mon)	842,400.00

	3,918,600.00

(c) Mi-26 - AEROLIFT (CPTS/CON/111/92) and SKYLINK (CPTS/CON/139/92)

4. Two Mi-26 helicopters were chartered from Aerolift starting in June. A third aircraft was added as a maintenance float, for which payment is based on the hourly cost, over minimum, should the aircraft be required to replace one down for maintenance or, as has occurred, the volume of taskings in one particular day required its use. It should be noted that the monthly base cost and hourly rate were re-negotiated effective 15 September from the originally quoted prices.

5. Two additional Mi-26 helicopters were chartered from Skylink and commenced operation in mid-September. Contract for all four full-time aircraft have been requested for extension to 31 October.

A. Aerolift Costs

Fixed Charges

US dollars

Positioning/Depositioning	No cost
Painting	30,000.00
Monthly Base Cost (to 15 Sept.)	795,240.00
Monthly Base Cost (15 Sept.)	530,000.00
Hourly rate over minimum (to 15 Sept.)	6,627.00
Hourly rate over minimum (15 Sept.)	3,555.00

Obligated to Date

Painting	30,000.00
Base Cost to 15 Sept.	2,783,340.00
27.5 additional hours to 15 Sept.	1,822,425.00
Base Cost (15 Sept - 31 Oct)	795,000.00
25 additional hours, 15 Sept-31 Oct.	88,875.00

	5,519,640.00

B. Skylink Costs

<u>Fixed Charges</u>	<u>US dollars</u>
Positioning	200,000.00
Depositioning	30,000.00
Painting	No cost
Monthly Base Cost	540,000.00
Rate/hr over minimum	3,700.00
<u>Obligated to Date</u>	
Positioning	200,000.00
Base Cost	738,000.00
34.8 additional hours	129,000.00

	1,067,500.00
Total Obligated (Mi-26)	US\$6,587,140.00

6. Problems with closure of airports, an inability to be able to outpost aircraft due to lack of fuel and accommodations throughout the country has resulted in extra hours having to be flown, over the minimum. Most of these have been hours flown positioning aircraft to perform task, to obtain fuel during tasks and to deposition back to Phnom Penh following task completion. The volume of requirements will continue to require additional hours above minimum per month, estimated at not more than 10 per aircraft per month.

<u>Projected Costs:</u> <u>1 November 1992 - 30 April 1993</u>	<u>US dollars</u>
Positioning/Depositioning (4 a/c)	450,000.00
Painting (4 a/c)	120,000.00
Base Cost (US\$530,000 per a/c)	
8 a/c 1 Nov - 31 Jan 93	12,720,000.00
4 a/c 1 Feb - 30 Apr 93	6,360,000.00
Additional Hours (10/mo/a/c)	1,279,800.00

	20,929,800.00

<u>Projected Costs:</u> <u>1 May 1993 - 31 July 1993</u>	
Base Cost (4 a/c)	6,360,000.00
Additional Hours (10/mo/a/c)	1,279,800.00

	7,639,800.00

(d) B212 and B206

7. The size and power of the Mi-17 and Mi-26 prevent their use into some areas of the country. Accordingly, UNTAC has

chartered, on an ad hoc as required, hourly basis, the services of one B212 and two B206 aircraft. These charters have been necessary to ensure work can continue on the installation of communications equipment reconnaissance of sites for prefabs and for some liaison work. These aircrafts are charged at a rate of US\$1,200/hr for the B212 and US\$700/hr for the B206. To 31 October the B212 has flown 30 hours, the two B206, a total of 75 hours.

<u>Fixed Charges</u>	<u>US dollars</u>
B212	36,000.00
B206	52,500.00

	88,500.00

Projected Costs: 1 November 1992 - 30 April 1993

Based on the following requirements:

	<u>B212</u>	<u>B206</u>
	-----	-----
1 Nov - 31 Dec	6	6
1 Jan - 31 Mar	3	3
1 Apr - 30 Apr	6	6

Estimates are based on:

<u>Item</u>	<u>Cost per a/c</u>
Positioning/Depositioning	US\$20,000.00
Painting	10,000.00
Base cost (inc. 75 hrs per mon.)	
B212	75,000.00
B206	50,000.00

A. B212

<u>6 B212: 1 Nov-31 Dec</u>	
Positioning/Depositioning	120,000.00
Painting	60,000.00
Base Cost	900,000.00

	1,080,000.00

3 B212: 1 Jan-31 Mar

Base Cost	675,000.00
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6 B212: 1 Apr-30 Apr

Positioning/Depositioning (3 a/c)	60,000.00
Painting (3 a/c)	30,000.00
Base Cost (6 a/c)	450,000.00

	540,000.00

TOTAL B212 1 NOV-30 APR 2,295,000.00

B. B206

6 B206: 1 Nov-31 Dec
 Positioning/Depositioning 120,000.00
 Painting 60,000.00
 Base Cost 600,000.00

 780,000.00

3 B206: 1 Jan-31 Mar
 Base Cost 450,000.00

6 B206: 1 Apr-30 Apr
 Positioning/Depositioning (3 a/c) 60,000.00
 Painting (3 a/c) 30,000.00
 Base Cost (6 a/c) 300,000.00

 390,000.00

TOTAL B206 1 NOV-30 APR 1,620,000.00

Projected Costs: 1 May 1993 - 31 July 1993

Based on the following requirements:

	B212 -----	B206 -----
1 May - 30 Jun	6	6
1 Jul - 31 Jul	3	3

A. B212

6 B212: 1 May-30 Jun
 Base Cost 900,000.00

3 B212: 1 Jul-31 Jul
 Base Cost 225,000.00

TOTAL B212 1 MAY-31 JUL 1,125,000.00

B. B206

6 B206: 1 May-30 Jun
 Base Cost 600,000.00

3 B206: 1 Jul-31 Jul
 Base Cost 150,000.00

TOTAL B206 1 MAY-31 JUL 750,000.00

(e) Summary

Total Obligated - Helicopters

Mi-17	US\$11,369,840.00
Mi-26	6,587,140.00
B212/B206	88,500.00

	US\$18,045,480.00

Total Projected Costs - Helicopters

1 November - 30 April 1993

Mi-17	US\$7,837,200.00
Mi-26	20,929,800.00
B212 (1 Nov-31 Dec)	1,080,000.00
B212 (1 Jan-31 Mar)	657,000.00
B212 (1 Apr-30 Apr)	540,000.00
B206 (1 Nov-31 Dec)	780,000.00
B206 (1 Jan-31 Mar)	450,000.00
B206 (1 Apr-30 Apr)	390,000.00

	US\$32,682,000.00

1 May - 31 July 1993

Mi-17	US\$3,918,600.00
Mi-26	7,639,800.00
B212	1,125,000.00
B206	750,000.00

	US\$13,433,400.00

Total Projected Costs:

15 Mar 92 - 31 Oct 92	US\$18,045,480.00
1 Nov 92 - 30 Apr 93	32,682,000.00
1 May 93 - 31 Jul 93	13,433,400.00

	US\$64,160,880.00
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ANNEX XVI

United Nations Transitional Authority in Cambodia

Fixed-wing aircraft - Contract Charges

AAA B200 Business Aircraft Sales A/S

Contract CPTS/CON/84/92, 12 May. Initially 3 months from 15 May, extended to 31 October, now requested till end mission.

Fixed charges

Positioning	US\$14 000.00
Painting	4 000.00
Depositioning (not yet obligated)	14 000.00
Monthly base cost	78 000.00
Block hr rate over 100/month	400.00

To this point (31 Oct), following have been obligated:

Positioning/Depositioning/Painting	US\$ 32 000.00
Base Cost (May-Oct)	<u>390 000.00</u>
	US\$422 000.00

This aircraft has not yet exceeded the 100 minimum hours provided for in the Contract, hence, no additional hours have been charged.

Projected cost 1 Nov. to 30 April

Monthly base cost	US\$468 000.00
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Projected costs 1 May. to 31 Jul.

Monthly base cost US\$234 000.00

BBB F-27 3 Aircraft provided by Dutch Government. UN is charged US\$65,000 per month per aircraft, plus US\$100,000 positioning/depositioning charges per aircraft. Aircraft arrived early June and have been suggested for withdrawal at end October. Charges to date are:

Positioning/Depositioning US\$300 000.00

Monthly base cost 368 335.00

US\$668 335.00

CCC C160 These aircraft are provided by the French as a voluntary donation. UNTAC pays only for crew support, fuel and handling charges.

DDD L100 A/S Air Contact (CPTS/CON/83/92)

Two aircraft were initially chartered for a period of three months. One of these two aircraft was released on 15 August, the second has been retained until 31 October, with a further request that it be retained until end of the mission.

Two additional aircraft were chartered for an initial period of one month. At the end of the initial month, one aircraft was

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extended for a further 10 days and was released 14 July, the second until 31 August at which point further extensions were requested till 31 October and subsequently till end of mission.

L100 Aircraft situation was therefore:

15-31 May	2
1 June-14 July	4
14 July-14 Aug.	3
14 Aug.-31 Oct.	2

Charges are slightly different for each group of two aircraft.

1st Group

Positioning	US\$ 55 000.00
Depositioning	55 000.00
Painting	15 000.00
Monthly base cost (2 a/c, 200 hrs)	568 000.00

Obligated to date

Positioning/Depositioning/Painting	US\$ 125 000.00
Base cost (2 a/c May-Aug.)	1 704 000.00
Base cost (1 a/c Aug. to Oct.)	<u>792 000.00</u>
	US\$2 621 000.00

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2nd Group

Positioning	US\$ 55 000.00
Depositioning	55 000.00
Painting	15 000.00
Monthly base cost, (2 a/c, 300 hrs)	825 000.00

Obligated to date

Positioning/Depositioning/Painting	US\$ 125 000.00
Base cost (2 a/c, 1 month)	825 000.00
10 Day extension, 1 a/c	90 000.00
Base cost (1 a/c Jul. - Oct.)	<u>1 443 750.00</u>
	US\$2 483 750.00
Total obligated to date	US\$5 104 750.00

Note: The second group of 2 aircraft was charged at a higher rate than the first group as the initial contract was only for a 30 day period, in addition, the contractor insisted on a minimum of 150 flying hours per month per aircraft, as proposed to 100 hrs per aircraft for the first group. As one of the second group could be quickly configured as a tanker (20,000 litres per trip), the mission requested that this to be retained to assist with overcoming fuel delivery problems. When the requirement reduced to a total of two, one from each group was retained, however, the difference in prices remained.

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Projected costs 1 Nov. - 30 Apr.

1 Nov. 92 - 31 Jan. 93 (2 a/c)

Base cost (US\$350,000/ a/c) US\$2 100 000.00

1 Feb. - 30 Apr. 93 (4 a/c)

Positioning/Depositioning/Painting (2 a/c) US\$ 235 000.00

Base cost (4 a/c) 4 200 000.00

US\$6 535 000.00

Projected costs 1 May - 31 Jul

Base cost (4 a/c) 4 200 000.00

Note: The exact mix of aircraft cannot at this time be predicted beyond 31 January 1993. It will depend upon the airfield state throughout the country and the refinement of the actual aircraft type requirement. It may be three smaller, medium lift aircraft, or one more heavy lift and two smaller medium lift. The cost is calculated based on two heavy lift as these are the more expensive option.

EEE Obligated to date, all fixed wing aircraft,

B200 US\$ 422 000.00

F27 668 335.00

L100 5 104 750.00

US\$6 195 085.00

/...

DDD Projected costs

1 Nov. - 30 Apr.

B200 US\$ 468 000.00

L100 6 535 000.00

US\$7 003 000.00

1 May - 31 Jul.

B200 US\$ 234 000.00

L100 4 200 000.00

US\$4 434 000.00

TOTAL PROJECTED COSTS US\$17 632 085.00

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ANNEX XVII

United Nations Transitional Authority in Cambodia

Main Trunking Contract - Price breakdown

<u>EQUIPMENT</u>	<u>PRICE US \$</u>
1 TRUNKING NETWORK	8,292,000.00
2 CIRCUIT SWITCHING	1,709,000.00
3 CABLE DISTRIBUTION	568,000.00
4 TERMINALS	91,000.00
5 STORE AND FORWARD	42,000.00
6 DATA NETWORK	428,000.00
7 SHELTERS	2,181,000.00
8 POWER	483,000.00
9 ILS (Integrated Logistics Support)	858,000.00
10 AUXILIARY TRANSMISSIONS	199,000.00
11 CONTROL SUBSYSTEMS	94,000.00
12 NETWORK MANAGEMENT SYSTEM	278,000.00
13 GROUP 3 FAXES (45)	142,000.00
14 GROUP 3/4 FAXES (8)	126,000.00
SUB TOTAL	15,447,000.00

SPARE PARTS AND SUPPLIES

15 COMPREHENSIVE DOCUMENTATION	62,000.00
16 TRAINING	146,000.00
17 NETWORK MAINTENANCE FACILITY	287,000.00
18 PABX CARD RESERVE	243,000.00
19 TELEPHONE 10% RESERVE	21,000.00
20 SPARE AND TEST EQUIPMENT	980,000.00
SUB TOTAL	1,739,000.00

TRANSPORT AND FREIGHT COSTS

21 CONSUMABLE AND FREIGHT	3,213,000.00
SUB TOTAL	3,213,000.00

CONTRACTUAL COST FOR OPERATION OF
THE TRUNKING SYSTEM

22 SYSTEM DESIGN	611,000.00
23 PROJECT MANAGEMENT	1,159,000.00
24 INSTALLATION	1,769,000.00
25 TRAINING	173,000.00
26 LABOUR RELATED COSTS	1,082,000.00
27 FIXED FEE	3,700,000.00
28 O & M (1 YEAR) (Operation & Maintenance)	1,384,000.00
SUB TOTAL	9,858,000.00

CONTRACT TOTAL	30,287,000.00
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ANNEX XVIII

United Nations Transitional Authority in Cambodia

Cost data on data-processing equipment and
distribution by civilian and military components

Server	Desktop	Notebook	DeskJet	LaserJet	LQ-2550 /1	BJ-10ex /2	UPS/LC /3
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Budgeted

Civilian	9	884	300	650	29	10	300	884
Military	3	292	300	206	11		300	292
Total Units	12	1176	600	856	40	10	600	1176
Unit Cost	30000	2500	4200	650	3500	1000	600	1200
Total Cost	360,000	2,940,000	2,520,000	556,400	140,000	10,000	360,000	1,411,200

Actual

Civilian	3	826	332	663	39	8	550	900
Military	0	367	459	307	13	2	155	453
Total Units	3	1193	791	970	52	10	705	1353
Avg Unit Cost	\$47,702	\$2,772	\$3,198	\$450	\$1,994	\$1,010	\$506	\$525
Total Cost	\$143,105	\$3,306,712	\$2,529,799	\$436,970	\$103,662	\$10,097	\$356,395	\$709,735

Savings/Over-runs	216,895	(366,712)	(9,799)	119,430	36,338	(97)	3,605	701,465
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	Budgeted	Actual	Savings/Over-runs
Total Combined Standard Equipment Cost	\$8,297,600	\$7,596,476	\$701,124
Specialized Equipment and Cabling	\$450,000	\$590,386	(\$140,386)
Shipping Cost	\$1,312,400	\$462,438	\$849,962
Total Combined EDP Cost	\$10,060,000	\$8,649,300	\$1,410,700

/1 LQ-2550: High speed dot matrix printer.

/2 BJ-10ex: Portable printer for use with notebook computer.

/3 UPS/LC: Uninterruptible power supply/line conditioner combination.

ANNEX XIX

United Nations Transitional Authority in CambodiaCantoned soldiers' rehabilitation/reintegration projects

<u>Serial</u>	<u>Project</u>	<u>Cost (US\$)</u>	<u>Remarks</u>
1.	Metal Works Project	332 800	By Plans Branch
2.	Soap Making Project	200 600	By Plans Branch
3.	Entrepreneurship Development in Cantonments	91 300	By UNDP/ILO
4.	UNESCO Literacy Programme	118 900	
5.	Entrepreneurial Development in Cantonments	151 000	
6.	Vocational Training (UNDP/ILO)	175 000	
7.	Metal Works Project	272 000	
8.	Soap Making Project	165 000	
9.	Drivers Training Project	80 000	By Plans Branch
10.	Cantoned Soldiers Agricultural Kit	4 800 000	By Plans Branch \$50 per man
11.	Employment of Cantoned Troops	6 500 000	
12.	Accelerated Induction Training Programme	147 400	By UNDP/ILO \$795 per man
13.	Vocational Training Project	22 000	\$364 per man
14.	Small Enterprise Promotion	<u>44 000</u>	\$1169 per man
	TOTAL	<u>12 600 000</u>	

ANNEX XX

United Nations Transitional Authority in Cambodia

Cost estimates for 179 UN Volunteers

(a) Composition of 179 UN Volunteers

1. 152 UNV Specialists for the maintenance of vehicles, camps, office equipment, etc.:
 - 50 - vehicle mechanics
 - 12 - engineer/camp managers
 - 33 - camp tradesmen
 - 31 - generator operators/mechanics
 - 6 - civil construction engineers
 - 6 - air conditioning/refrigeration technicians
 - 6 - office equipment technicians (to repair photocopiers, typewriters, etc.)
 - 3 - radio operators
 - 3 - tv/video technicians
 - 2 - radio technicians

2. 27 UNV Specialists to supplement the staff of the Division of Administration:
 - 6 - movement control specialists to assist in planning and execution of ground and air movement of goods within UNTAC.
 - 6 - procurement specialists, 3 of whom should be familiar with contracts and supplies relating to construction and engineering work.
 - 6 - specialists in logistics
 - 3 - warehouse supervisors
 - 3 - claims specialists
 - 3 - computer specialists/programmers

(b) Cost parameters

1. Administrative Unit cost (9 months) 200 000
2. Other personnel costs (9 months) 723 250 923 250

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3. Individual costs (per annum)

(a) Variable costs:			
Living allowance (MLA)	11 425		
Living accommodation	7 200		
Resettlement allowance	1 200	19 825	
			(19825/12=1652)
(b) Fixed costs:			
Settling-in-grant	1 500		
Medical life insurance	1 200		
Assignment & travel	2 750		
Assignment & travel (HQ)	2 750		
Shipment	500		
Subsistence allowance	1 000	9 700	
Simple furniture/durable	<u>0</u>		
Total individual costs	<u>29 525</u>		

(c) Cost for Nov. 1992 to Apr. 1993

Variable costs:	No. of volunteer	Monthly rate	US\$
Nov. 1992	27	1 652	44 604
Dec. 1992	27	1 652	44 604
Jan. 1993	179	1 652	295 708
Feb. 1993	179	1 652	295 708
Mar. 1993	179	1 652	295 708
Apr. 1993	179	1 652	<u>295 708</u>
Total variable costs			1 272 040
Plus:			
Fixed costs (\$9,700-2,750x179)			1 244 050
Administrative unit cost (prorated) \$923,250x6/9 =			133 333
Other personnel cost (prorated) \$723,250x6/9 =			482 167
Sub-total			3 131 590
6.5% Programme support cost (6.5%x\$3,131,590) =			<u>203 553</u>
Total costs Nov. 1992 to Apr. 1993			<u>3 335 143</u>

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(d) Cost for May to Jul. 1993

	<u>No. of volunteer</u>	<u>Monthly rate</u>	<u>US\$</u>
May 1993	179	1 652	295 708
Jun. 1993	179	1 652	295 708
Jul. 1993	179	1 652	<u>295 708</u>
Total variable costs			887 124
Plus:			
179 UNV's out travel (179x2,750) =			492 250
Administrative unit cost (prorated) \$923,250x3/9 =			66 667
Other personnel cost (prorated) \$723,250x3/9 =			<u>241 083</u>
Sub-total			1 687 124
6.5% Programme support costs (6.5% x 1,687,124) =			<u>109 663</u>
Total costs May to July 1993			<u>1 796 787</u>

ANNEX XXI

United Nations Transitional Authority in Cambodia

Cost estimates for 17 UN Volunteers
 (General Practitioners)

(a) Cost parameters

1.	Administrative Unit cost (11 months)			<u>46 750</u>	
2.	Individual costs (per annum)				
(a)	Variable costs:				
	Living allowance (MLA)	11 425			
	Living Accommodation	7 200			
	Resettlement allowance	1 200	19 825		
			(19,825/12=1,652)		
(b)	Fixed costs:				
	Settling-in-grant	1 500			
	Medical life insurance	1 200			
	Assignment & travel	2 750			
	Assignment & travel (HQ)	2 750			
	Shipment	500			
	Subsistence allowance	1 000			
	Simple furniture/durable	<u>0</u>	9 700		
	Total individual cost			<u>29 525</u>	

(b) Cost for Nov. 1992 to Apr. 1993

Variable costs:	<u>No. of volunteer</u>	<u>Monthly rate</u>	<u>US\$</u>
Nov. 1992	17	1 652	28 084
Dec. 1992	17	1 652	28 084
Jan. 1993	17	1 652	28 084
Feb. 1993	17	1 652	28 084
Mar. 1993	17	1 652	28 084
Apr. 1993	17	1 652	<u>28 084</u>
Total variable costs			168 504

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Plus:

Fixed costs (\$9,700-2,750x17)	118 150
Administrative unit cost (prorated) \$46,750x6/9 =	31 167
Sub-total	317 821
6.5% Programme support cost (6.5%x\$149,317) =	<u>20 658</u>
Total costs Nov. 1991 to Apr. 1993	<u>338 479</u>

(c) Cost for May to Jul. 1993

	<u>No. of volunteer</u>	<u>Monthly rate</u>	<u>US\$</u>
May 1993	17	1 652	28 084
Jun. 1993	17	1 652	28 084
Jul. 1993	17	1 652	<u>28 084</u>
Total variable costs			84 252

Plus:

17 UNV's out travel (17 x 2,750) =	46 750
Administrative unit cost (prorated) \$46,750 x 3/9 =	15 583
Sub-total	146 585
6.5% Programme support costs (6.5% x 146,585) =	<u>9 528</u>
Total costs May to July 1993	<u>156 113</u>

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ANNEX XXII

Requirements for helicopters and fixed-wing aircraft

UNTAC AIR OPERATIONS

1992												1993						
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul

HELICOPTERS

A. Chartered

Heavy transport

MH-26	0	0	0	0	0	2	2	2	2	4	4	8	8	8	4	4	4	4	4
MH-17	0	0	0	0	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
B212	0	0	0	0	0	0	0	0	1	1	6	6	3	3	3	6	6	6	3
B206	0	0	0	0	0	0	0	0	2	2	6	6	3	3	3	6	6	6	3

Medium transport

Utility tactical transport

Light observation

B. Donated

Utility transport

Puma	0	0	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
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FIXED-WING

A. Chartered

Heavy transport

C130	0	0	0	0	0	2	4	4	3	3	2	2	2	2	2	4	4	4	4
B200	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

Communications/liaison aircraft

B. Donated

Medium transport

Short take-off/landing

P²

C160	0	0	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
F27	0	0	0	0	0	3	3	3	3	3	0	0	0	0	0	0	0	0	0

ANNEX XXIII

Cost data on generators

**COMPLEMENTARY COMMUNICATIONS EQUIPMENT
ACCOUNT 655
GENERATORS
(in US Dollars)**

Description	No. of Units as per Budget Line	No. of Units Transferred from Other Missions	No. of Units Purchased	Total No. of Units Purchased	Average Unit Cost	UNAMIC/UNTAC Amount Spent
5 KVA	1,520	-	1,630	1,630	2,075.32	3,382,775.42
10 KVA	10	11	30	41	5,123.17	210,050.00
15 KVA	310	18	277	295	7,426.21	2,190,733.20
25 KVA	98	-	165	165	10,966.03	1,809,395.00
50 KVA	6	7	41	48	18,023.79	865,142.00
100 KVA	41	31	46	77	25,883.38	1,989,170.00
150 KVA	-	-	2	2	46,639.50	93,279.00
250 KVA	2	2	2	4	74,080.75	296,323.00
500 KVA	-	-	6	6	72,596.00	435,576.00
1,250 KVA	-	-	2	2	283,476.50	566,953.00
	<u>1,987</u>	<u>69</u>	<u>2,201</u>	<u>2,270</u>		
Fuel Tanks/Shelters* (no POs issued)						
Switchgear*						5,237.92
Freight						104,142.33
TOTAL						11,948,776.87

COMBINED BUDGET LINE

BUDGET LINE	11,659,700.00
AMOUNT SPENT	<u>11,948,776.87</u>
BALANCE	(-289,076.87)

Note: Much of the UNAMIC generators did not arrive until the UNTAC period and were incorporated into UNTAC budget, hence the rationale to combine the two budget lines.

• Fuel Tanks and Shelters

- (a) Fuel tanks supplied by Continental offshore private contractors.
- (b) Shelter requirement reduced as large portion of generators came with canopy enclosures.

• Switchgear

- (a) Large amount of generators came in pairs complete with switchgear.
- (b) Switchgear supplied with larger generators also.