

AGENCY FOR  
INTERNATIONAL  
DEVELOPMENT

**FIELD BUDGET SUBMISSION  
FY 1974**

**NEPAL**

DEPARTMENT  
OF  
STATE

A. Total Country Program Summary

1. Narrative

Nepal opened its doors to the outside world only twenty-odd years ago, fed up with the autocratic leadership that had hitherto kept its people in a state of medieval serfdom, and inspired by a strong if inchoate determination to become a modern nation-state. The intervening years have produced a new, modernizing elite with a capability that is growing rapidly - though it is still far from adequate - to grapple with the specific developmental problems facing this very young, but still very traditional nation.

This development effort, though it occasionally steps on traditionalist toes, continues to operate under the mandate of a broad national consensus. But it also operates within the context and uncertainties of an unresolved struggle to develop a political framework that will translate the popular commitment for change to popular mobilization for development, while preserving enough of the traditional political institutions to provide continuity of leadership and to avoid anarchy. Reinforcing the fear of anarchy is the realization that any major breakdown of existing political institutions would invite intervention by one or both of Nepal's two large and mutually antagonistic neighbors.

The external environment within which Nepal's developmental effort must operate has changed radically as a result of last year's massive shifts in regional power alignments. It is by no means clear as yet whether these changes, and the new regional balance of forces that is emerging from them, will favor Nepal's task of developing as an independent nation-state.

Meanwhile Nepal has faced and overcome a crisis of royal succession. Young King Birendra, whose authority as the nation's leader is universally accepted, is not only committed to development, but shares with the rest of Nepal's young modernizing elite an impatience to get on with the job. It is still far from

clear, however, how he will resolve the core problem of mobilizing public participation in development while maintaining continuity of leadership and an acceptable level of political stability.

Bearing this particular political, geographic, and historical framework in mind, it is fair to say that Nepal's development situation is remarkably similar to that of the typical RLDC (Relatively Less Developed Country) as described by the UN and AID: low per capita income, lack of adequate physical infrastructure, limited institutional development, lack of sufficient skilled manpower, and limited financial capacity. Nepal has difficulty in analyzing development priorities, mobilizing domestic resources, and implementing development decisions. For our program this suggests greater reliance on technical assistance, emphasis on grant financing and soft loan terms. It further suggests the need for particularly careful attention to the budgetary consequences of our program (including the issue of USAID local currency financing) and on the probable need for a more substantial level of USAID support activities than would otherwise be indicated by the new Agency programming directives.

This is not to say that the present situation is identical with the past--Nepal's current development environment is markedly different from that of the 1950's and 1960's. Three of the main differences are: 1) the increasing reality of rising expectations and the more effective means of expressing them; 2) the accelerating occurrence of the kinds of problems that accompany rapid change and development activities; and 3) the increasing number of bilateral and multilateral donors offering assistance to Nepal. These changes have brought about some strengthening of Nepalese development planning institutions and a shift in emphasis (including budgetary allocations) to addressing the needs of development. There is a growing interest in areas outside of the Kathmandu Valley which have not shared

equally in the growth process. Greater attention is being paid by HMG to development priorities and the need to allocate scarce domestic resources to these priorities. On the other hand, the relatively new activities of the IBRD, the Asian Development Bank, and the UN agencies; the efforts of the Japanese; new initiatives by the British; and the continuation of the Indian, Chinese, Russian, Swiss, Israeli, German and other aid programs have placed strains on the administrative, managerial, manpower and financial resources and capabilities of HMG. There is a growing realization of both the immediate problems of resource constraints and the "second generation" problems associated with rapid social and economic change. Finally, the advent of a new, young, more modern king has added a new element to the development environment. Educated in western universities and well travelled, he appears both to have espoused many of the modern attitudes that induce development and to wish to promote these attitudes among Nepalese. Economic development along western lines appears to have a high priority in his thinking.

The overall resource gaps do not suggest immediate alarm; domestic debt is relatively low and total foreign exchange reserves are equal to about one year's import requirements. Nevertheless, the situation is fragile and could deteriorate fairly rapidly. Almost by definition, an RLDC (Nepal) has a narrow domestic resource base from which to accumulate savings and primitive institutions through which to mobilize these savings. A deterioration of the terms of trade and the trade balance with India (with whom Nepal conducts 85 percent of its trade); the rapidly increasing demand for domestic resource support to foreign aid projects and other development efforts; the possibility of inflation and/or a rapid depletion of foreign

exchange reserves with the expansion of the money supply through deficit financing could quickly eliminate the safety margins.

Nepal's fragile foreign exchange position is further complicated by the need to cover IC requirements with hard currency reserves. The Rastra Bank's current IC reserves will barely cover three months of IC imports. This situation is likely to worsen in the future, partially due to reduced foodgrain exports to India. Nepal will therefore need to use hard currency reserves to cover future IC deficits, although the complex inter-relationship between Nepal's NC/\$ and NC/IC exchange rates inevitably causes IC imports to cost more than if they were financed solely through IC reserves.

Of the "second generation" development problems facing Nepal, budget financing appears to be one of the most serious: e.g., the Government had less difficulty financing its expenditures in 1968 than it has today. The following table shows the budgetary needs and sources of financing:

	<u>Budget Financing</u>					
	(Millions U. S. \$ Equivalent)					
	1967/68	1968/69	1969/70	1970/71	1971/72	1972/73
	<u>Actual</u>	<u>Actual</u>	<u>Actual</u>	<u>Actual</u>	<u>Rev. Est.</u>	<u>Est.</u>
Total Expenditure	45.5	56.4	67.5	75.9	91.8	125.2
HMG Revenue	32.2	40.8	45.8	45.4	51.2	59.3
Deficit	(13.3)	(15.6)	(21.7)	(30.5)	(40.6)	(65.9)
Foreign Grants	15.6	21.6	24.1	26.8	25.7	28.7
Foreign Loans	-	-	0.7	3.2	3.9	11.9
Domestic Borrowing	1.0	2.0	2.0	3.0	4.9	16.9
Cash Balances	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>6.1</u>	<u>8.3</u>
Total	16.6*	23.6*	26.8*	33.0*	40.6	65.8

	1967/68	1968/69	1969/70	1970/71	1971/72	1972/73
HMG Revenue as % of Total Expend.	70%	72%	68%	59%	56%	47%
Foreign Grants and Loans as % of Total Expend.	34%	38%	36%	39%	32%	32%
Total HMG Resources *(Rev, + Borrowing + Cash Balances) as % of Total Expend.	73%**	75%**	70%**	63%**	68%	65%

\* In each of these years, surpluses of revenue over expenditures occurred--which went to Government cash balances.

\*\* Surpluses in these years mean that percentages of foreign aid and HMG resources are not additive to 100%.

In FY 68, HMG revenue covered 70% of total expenditures--in FY 73, HMG revenue will probably not even cover 50% of total expenditures.

This reduction in the proportionate contribution of HMG revenue does not necessarily mean that the Government is making inadequate efforts to mobilize resources. Revenue receipts have been increasing since the early 1960's. Nepal is not a highly monetized economy and is therefore a difficult country in which to install new taxes. In the short-run, one cannot expect tax revenue to increase significantly--although the Government has estimated a 16% increase for FY 73, primarily due to projected increases in the collection of customs duties and the creation of a new urban house and land tax.

Of particular note in this table is the increased utilization of non-tax domestic resources to finance the budget--especially the increased use of domestic borrowing through Government Development Bonds. The FY 73 GON Budget estimates that domestic borrowing will be more than triple the level of any other single year; this Rs 17 crore (\$17 million) will also more than double

total domestic debt which is currently at an all-time high of Rs 14 crore (\$14 million equivalent). While this level probably is not yet excessive (against annual domestic revenues of \$50 million equivalent), it is rapidly moving in that direction. Government cash balances of \$29 million equivalent (equal to last year's non-development budget) also provide some cushion.

The Government's attempts to meet the "resource problem" will create other problems. The increased utilization of Development Bonds may have a negative impact on investment. The latest series of Bonds have an  $8\frac{1}{2}\%$  interest rate, are tax-free, and can be liquidated at any time (at 90% of face value). These generous terms may serve as a disincentive to private investment by individuals and commercial banks. However, considering the limited investment opportunities available in Nepal, the Development Bonds may be the sole source of investment at this time. Therefore, the net effect on investment is uncertain.

Inflation is another potential problem. It is difficult to determine what the impact of deficit financing, domestic borrowing, expenditure of cash balances, and taxation will be on price levels. This is partially because prices in Nepal are affected by non-monetary variables--e.g., shortages due to the country's geographic isolation and its position as a "price-taker" from India (which is following a high price, import-substitution development strategy). Before determinations can be made about Nepal's willingness and/or capacity to mobilize domestic resources, there must be a greater knowledge of the price structure as well as the costs involved in alternative policies designed to mobilize these resources.

The mobilization of domestic resources is beginning to be a problem now and will become a more severe problem in the near future. For example, aid normally comes in the form of foreign exchange, with HMG expected to pay the local currency costs. HMG cannot financially support all of the projects which are currently under consideration--even those of so-called "top priority." Also, there is the growing problem of maintenance requirements which are increasing annually, as are the budgetary allocations to cover them. These factors, plus the population's "rising expectations" for Government services and the political ferment this is creating, seem to foreshadow ever increasing expenditures--and a concomitant increase in the resource gaps.

Besides this "resource problem," both HMG and the various donors must face a problem of "choice." In the early years of aid, almost anything which HMG and the donors could do was to the good. Goals could be broad; e.g., to increase foodgrain production or to increase the number of schools and/or clinics. Nepal has now reached a level of greater sophistication: what kind of schools? how will the increased agricultural production be marketed? how can the grains of the Terai be shared with the hills? how can regional migration patterns be altered?

Any consideration of Nepal must recognize the unique relationships with India, and the constraints on these relationships created by the overhanging Chinese presence on the North. Dependent on India for access to the outside world, dependent on India for markets and sources of imports, over-shadowed geo-politically, with a long, essentially open border and the concomitant problems of maintaining any separate foreign exchange or price policies, Nepal is severely limited in its ability to make independent policy decisions.

A major change in the USAID program is the change-over from a program using excess U.S.-owned Indian rupees to one financed entirely by appropriated dollars. Indian rupees constituted the larger part of our total program and served to provide local currency support for our project activity and to pay support costs of the U.S. program, while simultaneously providing marginal IC balance of payments support to Nepal. Owing to current policies of the Government of India, we are phasing out the Indian rupee program and replacing it with dollar grants and loans. However, in view of the historical pattern and existing commitments to HMG, the transition must be in an orderly phased manner, so as to permit the adjustments required by all parties. HMG expects the U.S. to continue support for the completion of existing rupee-financed activities during the transition to a dollar AID program, and the U.S. Government has assured the King and His Majesty's Government that it is the intent of the USG to continue aid to Nepal at a substantial level. The extent to which this interim support may require dollar grants will depend on the extent to which U.S.-owned Indian rupees will continue to be available for Nepal during 1973-75. For purposes of this submission, however, we have assumed that no additional rupees beyond those already agreed to by India for use in Nepal will be available during this period.

This requires a substitution of dollars for previously planned rupee expenditures during this transition period. The Mission's pipeline of unobligated rupees is now about \$3.6 million equivalent: a figure which must be compared to hard requirements of approximately \$12.5 million equivalent over the next three years. A significant portion of this \$12.5 million, however, has been converted to dollar financing of costs normally associated with a DG program: i.e., those related to participant travel, PASA, contract,

and other support costs, Tech Support, and malaria commodities. For FY 73-75, these categories of costs total approximately \$4.2 million equivalent. This leaves approximately \$8.3 million of project costs for FY 73-75, of which approximately \$3.6 million can be financed from the current rupee pipeline. This \$3.6 million should see us through FY 73, leaving approximately \$4.7 million equivalent which will need to be met through dollar financing in FY 74 and FY 75.

As explained in the FY 1974 Development Assistance Program Submission (TOAID A-105), the Mission has not yet reached final conclusions concerning the priority problems facing Nepal. The Mission must rely on future studies by the Asian Development Bank, International Monetary Fund, United Nations, and World Bank to refine its analysis. In the future, our program will be devised according to these analyses (as well as special AID studies), keeping in mind some of the complexities and problems discussed above.

A summary of the changes in the directions of the USAID program as reflected in this submission follow:

1) Dollar funding for USAID support costs formerly met with U. S.-owned Indian rupees will begin in FY 73. This totals approximately \$1.7 million in FY 73 and \$1.5 million in FY 74.

2) Dollar funding for USAID/HMG projects formerly met with U. S.-owned Indian rupees will add \$3.4 million in FY 74.

3) A dollar loan program will be initiated, with likely loan authorizations in FY 74 of \$8.5 million for a road and \$1.6 million for an airport.

4) Future program innovations will include more attention to sector analysis and assistance from AID/W and others in feasibility studies and project design.

5) We propose a consulting services grant to be used by HMG to secure professional assistance in development planning, sector analysis, project design and implementation.

6) Four new projects are proposed for FY 73--Vocational Agriculture Education, an Agricultural College, Administration and Management, and Manpower Development.

7) It is proposed to continue the Integrated Health Services project beyond the existing termination date of FY 73.

8) An examination of the desirability of concentrating in a geographical area (i.e., Nepalgunj-Surkhet) will be undertaken, with special emphasis on the potentials for integrating the economies of the hills and the Terai.

9) There will be new contract relationships and new project directions in Family Planning and Education.

10) The Mission is proposing a shift to greater use of intermediaries-- as reflected by the following personnel projection (on board June 30):

	<u>1972</u>	<u>1973</u>	<u>1974</u>
IH (Admin)	12	9	9
IH (Program)	19	18	12
PASA	4	7	11
Contract	<u>12</u>	<u>21</u>	<u>24</u>
	47	55	56

11) The addition of two technicians in the Public Administration project will be contingent on follow through by HMG on the personnel classification system and on leadership/staffing of the Administrative Management Department.

12) There will be more host country involvement: in setting priorities, in planning, and in project implementation--including salary supplementation.

13) An (estimated) \$2 million PL 480 Title II (drought relief) grant has been requested for FY 1973.

Total program levels are as follows:

**Nepal--Program Funds**  
(Millions of dollars and dollar equivalents)

	<u>FY 72</u>	<u>FY 73</u>	<u>FY 74</u>	<u>FY 75</u>
<b>Grant Program (Excl. FP)</b>				
Dollars	1.7	3.2 <sup>1/</sup>	6.0 <sup>2/</sup>	4.3 <sup>6/</sup>
Rupees (\$ Equiv.)	4.7 <sup>3/</sup>	3.2	-	-
Sub-Total DG	6.4	6.4	6.0	4.3
<b>Family Planning</b>				
Dollars	.3	1.2	.5 <sup>4/</sup>	1.0
Rupees (\$ Equiv.)	.6	.3	-	-
Sub-Total FP	.9	1.5	.5	1.0
<b>PL 480 Title II</b>	-	2.0	-	-
<b>Loans</b>	-	-	(10.1) <sup>5/</sup> 2.0 <sup>5/</sup>	2.0 <sup>5/</sup>
<b>GRAND TOTAL</b>	7.3	9.9	8.5	7.3 <sup>7/</sup>

<sup>1/</sup> Includes \$115,000 in malaria commodities.

<sup>2/</sup> Includes \$3 million equivalent rupee project disbursements.

<sup>3/</sup> Includes \$.9 million equivalent in rupees in Tech Support.

<sup>4/</sup> Includes \$.3 million equivalent rupee project disbursement funded with dollars.

<sup>5/</sup> Bracketed figure (non-add) represents authorization; non-bracketed represents estimated drawdown.

<sup>6/</sup> Includes \$1.3 million equivalent rupee disbursement funded with dollars.

<sup>7/</sup> Additional loan activity may be considered in FY 75.

Loan Projects--Local Currency Component/Criteria (Ref. STATE 080160)

AID/W has authorized special concessional terms for local currency financing of projects in Nepal. USAID has therefore programmed loan projects using the rule of thumb of all foreign exchange costs or 60% of total project costs, whichever is higher. The local currency component of development loans should be dependent upon two major factors:

- 1) the overall ability of the recipient country to mobilize domestic resources, and 2) the budgetary consequences of the specific project or program for which the loan is provided. If the overall effort of the country is satisfactory and if expanded development activities overstrain the economy, foreign donors should maximize the local currency component of their loans. This is, of course, dependent upon the recipient's policies towards taxation, domestic borrowing, and deficit finance--all discussed previously in this submission. It should also be noted that local currency assistance is a means of expanding a country's investment levels; i.e., supplementing other domestic mobilization and contributing to increased development activities. The budgetary consequences of a specific project or program are difficult to predict. However, this should nonetheless be an important factor in determining the local currency component of a loan--i.e., if the project or program creates a drain on the national budget, the donor should be prepared to provide local currency support.

TABLE I

Summary of Total ProgramCountry: Nepal

(Obligations/Loan Authorizations--\$ thousands)

	<u>FY 1972</u> <u>Actual</u>	<u>FY 1973</u> <u>Estimate</u>	<u>FY 1974</u> <u>Request</u>
<u>Development Loans</u>	-	-	<u>10,100</u>
Program	-	-	-
Sector	-	-	-
Project	-	-	10,100
<u>Grants (by appropriation category)</u>	<u>1,995</u>	<u>4,469</u>	<u>6,549</u>
Technical Assistance	1,685	3,116	2,912
Population	310	1,238	159
Narcotics	-	-	-
Budget Support (IA)	-	115	3,137
Budget Support (PN)	-	-	341
<u>PL 480</u>	-	<u>2,000</u>	-
Title I Agreements	-	-	-
Title II Shipments	-	2,000	-
<u>Housing Grants</u>	-	-	-
<hr/>			
Total Dollar Program	<u>1,995</u>	<u>6,469</u>	<u>16,649</u>
Total Local Currency			
Obligations (see text)	<u>5,318</u>	<u>3,512</u>	-
Total Commitments	<u>7,313</u>	<u>9,981</u>	<u>16,649</u>

## MANPOWER SUMMARY

TABLE II

Country: Nepal

Category	(Actual) June 30, 1971		(Actual) June 30, 1972		(Estimated) June 30, 1973		(Estimated) June 30, 1974	
	Admin	Program	Admin	Program	Admin	Program	Admin	Program
<u>I. PROGRAM DIRECTION &amp; SUPPORT</u>								
Director & Deputy Director	2	-	1	-	1	-	1	-
Economic Analysis Staff	-	-	-	1	-	1	-	1
AD/DP (Program Officer)	1	-	1	-	1	-	1	-
Management	3	2	2	2	2	2	2	2
Controller	2	-	-	-	2	-	2	-
Secretaries	2	1	2	3	2	2	2	2
SUB TOTAL - I	<u>10</u>	<u>3</u>	<u>6</u>	<u>6</u>	<u>8</u>	<u>5</u>	<u>8</u>	<u>5</u>
<u>II. TECHNICAL ASSISTANCE</u>								
Program Operations (including Evaluation and Training Officer)	1	1	1	2	1	2	1	2
Project Management	-	3	-	1	-	3	-	3
Secretaries	-	-	-	-	-	-	-	-
SUB TOTAL - II	<u>1</u>	<u>4</u>	<u>1</u>	<u>3</u>	<u>1</u>	<u>5</u>	<u>1</u>	<u>5</u>
<u>III. CAPITAL DEVELOPMENT</u>								
Loan	-	-	-	-	-	-	-	-
Engineer	-	2	-	1	-	2	-	2
CIP	-	-	-	-	-	-	-	-
Secretaries	-	-	-	-	-	-	-	-
SUB TOTAL - III	<u>-</u>	<u>2</u>	<u>-</u>	<u>1</u>	<u>-</u>	<u>2</u>	<u>-</u>	<u>2</u>
MISSION MANAGEMENT I-III	<u>11</u>	<u>9</u>	<u>7</u>	<u>10</u>	<u>9</u>	<u>12</u>	<u>9</u>	<u>12</u>
DIRECT HIRE PROJECT IMPLEMENTORS	-	10	-	9	-	6	-	-
TOTAL DIRECT HIRE	<u>11</u>	<u>19</u>	<u>7*</u>	<u>19*</u>	<u>9</u>	<u>18</u>	<u>9</u>	<u>12</u>
(NON ADD IDI's)	( - )	( 1 )	( - )	( 1 )	( - )	( - )	( - )	( - )

\*Actual on board low because of the number of unfilled positions.

<u>Category</u>	<u>(Actual)</u>		<u>(Actual)</u>		<u>(Estimated)</u>		<u>(Estimated)</u>	
	<u>June 30, 1971</u>		<u>June 30, 1972</u>		<u>June 30, 1973</u>		<u>June 30, 1974</u>	
	<u>Admin. Program</u>		<u>Admin. Program</u>		<u>Admin. Program</u>		<u>Admin. Program</u>	
<u>IV. PROJECT IMPLEMENTATION</u>								
• Direct Hire	-	10	-	9	-	6	-	-
PASA	-	3	-	4	-	7	-	11
Contract	-	10	-	12	-	21	-	24
	<u>-</u>	<u>23</u>	<u>-</u>	<u>25</u>	<u>-</u>	<u>34</u>	<u>-</u>	<u>35</u>
• SUB TOTAL								
<u>V. HOST COUNTRY NATIONALS</u>								
Direct Hire	33	129	-	145*	-	145	-	145
PASA	-	-	-	-	-	-	-	-
Contract	-	2	-	4	-	2	-	1
	<u>33</u>	<u>131</u>	<u>-</u>	<u>149</u>	<u>-</u>	<u>147</u>	<u>-</u>	<u>146</u>
SUB TOTAL								
<u>VI. THIRD COUNTRY NATIONALS</u>								
Direct Hire	-	-	-	-	-	-	-	-
PASA	-	-	-	-	-	-	-	-
Contract	-	-	-	1	-	-	-	-
	<u>-</u>	<u>-</u>	<u>-</u>	<u>1</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
SUB TOTAL								

\*All admin locals transferred to Tech Support in FY 72. Local AAG staff included. Net decrease in local staff during FY 72.



TABLE IV

Country: Nepal  
PL 480 Title II Activities

(\$ thousands)

	<u>FY 1972 Actual</u> Number of \$ Recipients	<u>FY 1973 Estimate</u> Number of \$ Recipients	<u>FY 1974 Requests</u> Number of \$ Recipients
I. <u>Child Feeding</u>			
A. <u>Maternal and child feeding</u>	None		
B. <u>School feeding</u>	None		
C. <u>Other child feeding</u>	None		
II. <u>Food for Work</u>	None		
III. <u>Other</u>			
Govt-to-govt (Drought Relief)	-	2,000*	-
<u>Total</u>			
Govt-to-govt	-	2,000*	-

\*Represents estimated total cost of 20,000 MT of corn delivered to Nepalese border.

TABLE V

Excess Currency Requirements under Mondale Allocations

Project or Area of Concentration	Actual FY 1972	Estimated FY 1973	Estimated FY 1974
	NOT	APPLICABLE	

**PROJECT BUDGET TABLE**  
( \$ thousands)

**TABLE VII**

**Country or Subregion:** Nepal  
**Project title:** Technical Support

**Appropriation:** EA

**Financing Dates**

**Project number:** 367-11-999-000

**Obligations:**

**Expenditures:**

Begin	End
FY 52	Open
FY 52	

	Technicians			Participants <sup>2/</sup>		Commods.	Other Costs	Total
	U.S.	Local/TCN		\$	MM			
	\$	MM	MM					
<b>FY 1972 Pipeline- Total</b>	20	-		15	28	97	53	185
Direct	20	-		15	28	97	4	136
PASA								
Contract	-	-		-		-	49	49
<b>FY 1973 Oblig. - Total</b>	398	141	232	15	28	150	335	1,130
Direct	398	141	129	15	28	150	335	1,027
PASA								
Contract	-		103	-		-	-	103
<b>FY 1973 Expend. - Total</b>	418	141	232	30	56	247	388	1,315
Direct	418	141	129	30	56	247	339	1,163
PASA								
Contract	-		103	-		-	49	152
<b>6/30/73 Pipeline- Total</b>	-	-	-	-	-	-	-	-
Direct								
PASA								
Contract								
<b>FY 1974 Oblig. - Total</b>	376	135	247	15	28	160	352	1,150
Direct	376	135	142	15	28	160	352	1,045
PASA								
Contract	-		105	-		-	-	105
<b>FY 1974 Expend. - Total</b>	376	135	247	15	28	160	352	1,150
Direct	367	135	142	15	28	160	352	1,045
PASA								
Contract	-		105	-		-	-	105
<b>All Subseq. Obs.- Total</b>								
Direct								
PASA								
Contract								

	Number of US Technicians		Number of Participants		
	Long Term	Short Term	LT New	LT Contg	Short Term
	11	-	-	-	28 3/
<b>FY 1973 Obs.</b>	11	-	-	-	14
<b>FY 1974 Obs.</b>	11	-	-	-	14

Contract Funding Dates	FY 1972		FY 1973		FY 1974	
	From:	To:	From:	To:	From:	To:
	(mo./year)		(mo./year)		(mo./year)	

**Contractor**

1/ Expenditure lag, HHE shipment and storage.

2/ Participant costs include travel.

3/ All in third countries.

PROJECT PERSONNEL AND PARTICIPANTS  
(thousands of U.S. dollars)

Project No.: 367-11-999-000

Project title: Technical Support

Country: Nepal

PERSONNEL & PARTICIPANTS	Actual FY 72		Est. FY 73		Projected FY 74	
	Funding Source	O-B 6/30 MMs Expend.	O-B 6/30 MMs Expend.	O-B 6/30 MMs Expend.	O-B 6/30 MMs Expend.	O-B 6/30 MMs Expend.
<b>I. Personnel</b>						
TA						
A. U.S. Personnel - Total		8 107	267	11 141	11 135	376
1. Direct - Sub-Total		8 107	267	11 141	11 135	376
a. Secretary		X 12	15	X 15	X 12	17
b. Secretary		X	-	X 12	X 12	21
c. Gen. Serv. Officer		X 12	35	X 12	X 15	57
d. Asst. GSO		X 12	20	X 12	X 12	25
e. Prog. Economist		-	-	X 12	X 12	22
f. Asst. Prog. Officer		X 2	17	X 12	X 12	35
g. Proj. Mgr. (Agric.)		-	39	X 10	X 12	33
h. Multi-Sector Officer		-	-	X 11	X 12	46
i. Training Officer		X 12	41	X 12	X 12	42
j. Gen. Engr. Advisor		-	34	X 12	X 12	42
k. Civil Engineer		X 12	31	X 12	X 12	36
l. IDI (Prog.)		(X) 9	17	- 9	-	-
m. Pvt. Ent. Advisor		-	1	-	-	-
n. Dep. Exec. Officer		-	1	-	-	-
o. IDI (Econ.)		X 12	16	-	-	-
2. PASA - Sub-Total		-	-3	-	-	-
a. Ag. Prog. Specialist		-	-3	-	-	-
3. Contract - Sub-Total		- (13)	3	-	-	-
a. Public Adm. Specialist	TA	-	3	-	-	-
b. Training Asst.	TF	- (10)	(7)	-	-	-
c. Research Asst.	TF	- (3)	(4)	-	-	-
B. Local & TCU - Total		-	(245)	-	-	247
1. Direct - Sub-Total	TF*	150 1825	(139)	140 1680	140 1680	142
Admin. & Clerical		137 1669	(129)	127 1524	127 1524	113

\*Funding source TA starting with FY 73.



**B. Areas of Concentration****1. The political and economic isolation of many parts of the country and the need for national integration. (Ref. p. 2 of DAP for FY 1974)**

Until a scant twenty years ago, Nepal remained a traditional feudal state, off limits to foreigners and completely closed to modernizing influences. As recently as 1951 there was essentially no education system, no medical services, and no roads or other modern means of transportation. Goods, even automobiles, were carried into Kathmandu on the backs of coolies. The ruling family followed a conscious policy of keeping the country completely isolated from the outside world.

Physical isolation from the rest of the world was matched by physical isolation between different regions of the country. Almost all the population was concentrated in the mountainous central belt of the country, sandwiched between the Terai (the plains area adjoining India) and the high Himalayas bordering Tibet. The Terai itself was largely uninhabited-malarial belt.

During the past twenty years much has been done to expand Government services and mobilize domestic resources for modernizing and integrating the country. Malaria has been largely controlled, and the Terai has become a kind of frontier area into which excess hill population is pouring at an ever-increasing rate. However, the physical isolation of most of the populated areas of Nepal remains the most immediate and critical barrier to the modernization process and to national unity. Furthermore, the evolutionary growth of political institutions and increases in communications facilities have created popular expectations such that this isolation cannot be feasibly maintained much longer.

As a result, the new King, who remains the focus of political power in Nepal, has determined that the highest priority will be given to integrating the hill areas with the flat Terai and with Kathmandu. His government is in the process of creating four development regions, each centered on a north-south growth axis: Dharan-Dhankuta; Kathmandu-Hetaura-Birgunj; Pokhara-Bhairawa; and Jumla-Surkhet-Nepalgunj. The U. S. has been specifically requested to assist with planning and implementation in the Nepalgunj-Surkhet-Jumla regional axis.

One measure of the priority HMG puts on this problem area is the allocation of development resources for transportation and communications: 46% of the estimated FY 73 Development Budget, i.e., the highest amount allocated to any single sector.

See p. 6 - 10 of TOAID A-105, the FY 74 DAP for Nepal, for a further discussion of this problem area as it relates to the proposed USAID activity.

Foreign donors are following HMG's lead in placing high priority on these development zones and the integration of the country through transportation and communications development. The U.K. has taken an interest in the Dharan-Dhankuta region; the ADB has been studying project possibilities in the Chitwan Valley, within the Birgunj-Hetaura-Kathmandu region; and West Germany has assisted the Gandak Agricultural Project within the Pokhara-Bhairawa region. In the recent past, other donor assistance in this problem area has included aircraft and aircraft maintenance (Australia, Canada); and advisory assistance to the Civil Aviation Department (UNDP). The Asian Development Bank and USAID are currently helping HMG improve airport facilities at five airports. The

Indians, Chinese, USAID, the USSR, and the U.K. have all participated in road construction projects. The Indians, U.S., the British, and the UNDP and IBRD-IDA have contributed to telecommunications development.

Over the past several years, USAID has assisted HMG in building a road from Dhangarhi to Dandeldhura; constructing suspension bridges at points where main trails cross major rivers; and providing support for STOL strips and an HMG-ADB airport development project. These USAID activities were all financed with US-owned Indian rupees (see project descriptions that follow).

Precise delineation of goals within finite time periods are not considered feasible for this problem area, which will remain of concern for the indefinite future. Over the period of the next few years USAID plans to separate out specific activities, within the context of a development zone as well as on a national scale, that meet HMG priorities, that complement other donor assistance, and that reflect U.S. capabilities to offer meaningful assistance.

It must be recognized, however, that problems of national cohesion, the means by which government services can be made available, and the equitable distribution of national product are major requirements for political and social, as well as economic development of the country. For this reason the feasibility of projects must be calculated in terms of national social benefits and costs, including the social costs of not undertaking the activity. The required feasibility studies should not be limited to a narrow financial cost/benefit analysis. There is an unfortunate tendency on the part of donors to finance only those projects that can be shown to be economically feasible using standard financial analysis. The thinking of AID and other donors

must not be so limited in level since efforts are to be meaningful in Nepal. The social costs of not proceeding with the project must be considered. This is an especially important consideration for us, since other donors may be less flexible than AID in underwriting such projects (for example) that do not prove economically feasible in standard financial analysis. The U.S. role in the development of transportation may be to help with the feeder systems that other donors find difficult to undertake.

The efforts of USAID during 1972, 1973, 1974 toward meeting the goals of integration are described in the individual project narratives that follow. For FY 73 and FY 74 it is anticipated that these will include the Western Hill Road, a Nepalgunj-Surkhet Road, and an airport improvement project at Nepalgunj, as well as other regional development activities in the Surkhet area yet to be determined (Agricultural Research, Integrated Health Services etc.), some additional suspension bridges work, and continued disbursements against our \$4.5 million equivalent local currency grant in support of the HMG-AID airport development project.

Other donors and HMG are also considering new activities in road building (Indians, British, IBRD, ADB, Chinese); airport construction (ADB); communications (IBRD, Indians); suspension bridges (IBRD, Swiss); and area development (British, Germans, Japanese, and ADB).

The USAID plans to propose assistance to the extent we have something to offer that is different from what other donors offer, and/or in which we have a comparative advantage. Thus, in construction projects (road building and airports) we plan to develop projects that place a priority on developing Nepalese skills to construct and maintain the roads - something which other donors with their turn-key operations do not offer. In conjunction with our

road and airport building efforts, we will consider an equipment operations and maintenance pool. This is not included as a separate project here pending the development of loan financed construction activities.

For FY 73 we are proposing a PL 480 Title II program of 20,000 tons of corn, rice or wheat. This program relates directly to this problem area. The food will be provided for the deficit hill areas, and both food and some sales proceeds will be used to create work projects such as building storage capacity and improving transportation systems. This program will assist a process started by the HMG to create employment opportunities and cash incomes in the hill areas, improve transportation, and build grain storage facilities which will make it possible to market food from the Terai in the hill areas. Within a year, the WFP is expected to begin food for work projects to build jeep and mule trails. Other donors are also expected to contribute to road construction in these areas. The long run goals are to develop means of livelihood and purchasing power for the hill people to facilitate trade with the Terai and India. This is especially important because the Indian market for Terai surpluses is not certain to hold up much longer; the Terai and India are not able to easily absorb the out-migration of hill people; and Nepal faces economic loss and political problems if Nepalese are forced to migrate to the Terai or India because of a lack of food or income in the hills.

Type B costs are described on Table VI.

a. Nepalgunj-Surkhet Road Loan: \$8,500,000

The Mission proposes that consideration be given to a \$8,500,000 loan for the construction of a road from Kohalpur (on the East-West Highway near Nepalgunj) to Surkhet, approximately 120 km. This project (total cost \$14,100,000) will not be merely a construction project -- it will include an element of technical assistance, although this advisory assistance will be funded under the loan. The advisors will have two objectives: 1) to improve the design and construction capabilities of the FMG Roads Department and 2) to build a road.

This road from Nepalgunj to Surkhet has received priority listing in the UNDP's new Road Feasibility Survey. FMG and/or the Mission (through its consulting services grant) will need to conduct further studies on the feasibility of the road and the optimal packaging of a loan. However, at this time, we envisage a loan of approximately \$8,500,000 (or 60% of total road cost) which will cover the services of key engineering advisors, the purchase of necessary equipment, and the construction of an all-weather surfaced road.

b. Nepalgunj Airstrip Loan: \$1,600,000

During the past year, the Royal Nepal Airlines Corporation (RNAC) purchased several STOL Aircraft. Their current plans are to make Nepalgunj the centre for STOL services to Western Nepal. However, the current airstrip at Nepalgunj is inadequate during much of the year -- e.g., the airport closes down during most of the rainy season. Therefore, the Mission proposes a \$1,600,000 loan (60% of total \$2.7 million project cost) for construction of an all-weather airstrip and small terminal building.

This loan would also finance the services of three advisors: one airport design engineer, one airport construction engineer, and one equipment maintenance specialist. The airstrip would be built with the same combination of technical assistance and Nepalese input as the road under(a) above.

c. Western Hill Road

In the past, this project has served as a training vehicle to enable the Roads Department, HMG, to develop the capability to survey, design, construct and maintain a road meeting reasonable standards of drainage, alignment both horizontal and vertical, width and travel characteristics. This road is also expected to stimulate the integration of the hill region and the adjoining Terai, to effect a better balance of population and resources. The finite goal established to accomplish this purpose has been the construction of an all-weather road approximately 140 kilometers in length connecting Dhangarhi (Terai), near the Indian Border village of Gauri Phanta, in U.P. State of India, with Dandeldhura in the hills of Western Nepal.

This project provides excellent training, dealing with problems related to both the Terai and the hills. There are three bridges in excess of 60 meters in length and innumerable culverts and retaining walls. It is intended that this program will provide training for all levels of personnel in the Nepal Roads Department.

Activity to Date:

This project has prepared a jeepable track to km 85 including an excavation through solid rock from km 51 to km 54.

Plans for FY 1973 and FY 1974:

The principal activities to be accomplished in FY 1973 will be:

1. To place the concrete precast deck on the 350' steel truss.

2. To complete the substructure construction for Kailali Bridge (180').
3. To construct the Nigarali Bridge (125')
4. To place the base course material to km 40.
5. To begin construction on the Mohana Bridge (near the Indian border).
6. To complete all work except bridging and base course material to km. 53.

In FY 1974 the goal will be to complete all work to km 115 except the Mohana and Kailali Bridges.

d. Suspension Bridges and Remote Area Development-Rupee Grant Project

Purpose of Project:

To train and develop a viable organization within the Roads Department, HMG, capable of surveying, designing, constructing and maintaining pedestrian suspension bridges. A related goal is to develop a construction industry in the country capable of fabricating the various members of these bridges, transporting them to site and completing the erection of the structure.

In a country that is covered with mountainous terrain it is imperative that an adequate chain of suspension bridges be constructed and maintained in order to ensure continuity of communications and economic development in areas presently considered primitive and remote due to their inaccessibility. As the country develops, the trails and bridges will give way to roads and vehicular bridges, but for many years to come the only access for development will be the trails and the pedestrian suspension bridges.

Activity to Date:

The bridges at Turkeghat (450') and Khimti Besi (240') have been completed this fiscal year and opened to traffic. The foundation for the bridges at Dhaneghat (500') and Jhapre Bagar (300') have been constructed and the bridge

parts fabricated. The structure at Shypru Besi (300') has been delayed by difficulties with site selection. However, there are crews currently making tests in the area to determine a feasible location.

Plans for FY 1973 and FY 1974:

In FY 1973 the project plans to complete construction of the bridges at Dhaneghat (500') and Jhapre Bagar (300'). It is also planned to complete the structure at Shypru Besi (300') if a sound location can be found.

e. Airport Development-Rupee Grant Project

Purpose of Project

To assist His Majesty's Government and the Asian Development Bank in developing air transportation in Nepal (USAID contribution is in the form of a local currency grant to support civil works construction).

Activity to Date:

The contract for construction of the Kathmandu, Biratnagar, and Bhairawa airports has been signed with the Korea Development Corporation. In Kathmandu earthwork is about to be started. In Biratnagar and Bhairawa mobilization work and construction of project offices has begun.

Plans for FY 1973 and FY 1974:

In FY 1973 it is anticipated that following work will be undertaken:

1. Kathmandu Airport: Complete earthwork and start aggregate production.
2. Biratnagar Airport: Construct major portion of the landing strip and the terminal building.
3. Bhairawa Airport: Complete major portion of earthwork and aggregate production. Start construction of terminal building.
4. Simra and Pokhara Airports: Tendering and/or negotiating and letting of contracts.

In FY 1974 it is anticipated that the following work will be undertaken:

1. Kathmandu Airport: Complete aggregate production and paving.
2. Biratnagar Airport: Complete the project.
3. Bhairawa Airport: Complete the project.
4. Simra Airport: Complete earthwork on access road and start paving.  
Complete terminal building and earthwork for landing strip.
5. Pokhara Airport: Complete site clearing.

TABLE VI

Country: Nepal

NEW RESOURCE COMMITMENTS BY AREA OF CONCENTRATION  
(Grant Obligations/Loan Authorizations/Title II Shipments)  
(\$ thousands)

Area of concentration: National Integration

	<u>FY 1972</u>	<u>FY 1973</u>	<u>FY 1974</u>
1. <u>AID administered resources-Total</u>	<u>1,556</u>	<u>3,387</u>	<u>12,355</u>
<u>Development Loans</u>			
1. Project Loan (Nepalgunj/Surkhet Road)	-	-	8,460 <u>a/</u>
2. Project Loan (Nepalgunj Airport)	-	-	1,620 <u>b/</u>
<u>Grant Projects</u>			
1. Western Hill Road (367-11-312-210)	1,354 <u>c/</u>	1,350 <u>c/</u>	2,275 <u>d/</u>
2. Suspension Bridge (367-11-312-095)	144 <u>c/</u>	37 <u>c/</u>	-
3. Remote Area Development (367-11-312-226)	58 <u>c/</u>	-	-
<u>PL 480 Title II Shipments</u>			
Govt-to-govt	-	2,000 <u>e/</u>	-
<u>Housing Guaranties</u>			
Type B and Project Type Tech Support <u>f/</u>	(152)	(263)	(248)
2. <u>LDC inputs (dollar equivalents)-Total</u>	<u>25,637</u>	<u>41,429</u>	<u>g/</u>
<u>Directly to AID</u>	693	498	
<u>Other related inputs</u>	24,944	40,931	
3. <u>Other donor assistance (\$ thousands equiv.) <u>h/</u></u>	<u>15,904</u>	Not Available	
<u>Bilateral</u>			
<u>Loans</u>	1,144 <u>i/</u>		
<u>Grants</u>	12,823		
<u>Multilateral</u>			
<u>Loans</u>	1,420		
<u>Grants</u>	517		

Footnotes:a/ represents 60% of est. \$14.1 million total project cost.b/ represents 60% of est. \$2.7 million total project cost.

(Continued)

- c/ dollar equivalents of rupee obligations (local currency grant projects).
- d/ rupee disbursement financed by appropriated dollar funds under budget support. See page
- e/ represents est. total cost of 20,000 MT of corn delivered to Nepalese border.
- f/ includes two direct hire engineers and related personnel costs, non-project associated costs such as in-country travel including air services, dollar costs for participants from local currency grant projects, engineering local staff and in each of '73 and '74, \$100,000 for loan program related feasibility studies.
- g/ meaningful figures not available.
- h/ figures represent expenditures and are believed substantially complete and accurate, but have not been verified through HMG and should therefore be treated as preliminary. Some distortion may be present due to differences in donor reporting practices future year obligation data is not generally available, but levels are expected to gradually increase.
- i/ does not include disbursement against 3 multi-year (\$17.6, 2.05 and 12 million) road projects.

Note: The USAID program in Nepal uses excess US owned Indian rupees. Since these were generated by PL 480 programs in India (not Nepal) we consider the local currency generation used in Nepal as US inputs.

**B. 2. The low productivity and poor quality of food grain production**

(Ref. p. 2 and p. 10 of DAP for FY 1974)

In this predominately agricultural economy, increases in agricultural productivity offer the largest marginal increments to growth. Nepal's food needs in the basic staples should be provided for, including the quality of the food. There are still large chronically food deficit areas in Nepal. Once current HMG plans for income producing development activities in the hills and construction of transportation systems have been implemented, the Terai areas will be called upon to supply food grains to the hills. Food grains provide Nepal with the main source of Indian rupee foreign exchange at present. It has been estimated that one month's exports adds approximately \$4.9 million equivalent in Indian rupees to Nepal's exchange availabilities. With 85% or more of Nepal's trade with India (with potentially deteriorating terms of trade) and particularly in the light of reductions in U. S. rupee inputs, this export trade is vital to Nepal. Over the longer run, as Indian rice production increases, Nepal will probably have to think in terms of moving the food north to the hill areas of Nepal and finding a replacement foreign exchange earner.

Over the immediate future--through FY 74--USAID is planning to complete the development of five adaptive research-extension stations for food grain production in the Terai area. During this time we also plan to analyze further the agricultural sector and develop new activities as indicated. See p. 10 and p. 22 of the FY 74 DAP for Nepal submitted under cover of TOAID A-105 for a description of the planning process.

Our concentration in the agricultural sector follows HMG priorities. Agriculture has been allocated the second largest proportion of development

expenditures under the new Development Plan and also takes the second largest operating budget allocations (in both cases following transportation and communications).

Other donors have also been active in this problem area. The Asian Development Bank is assisting the Agricultural Development Bank. The UNDP has been helping with agricultural policy and planning, including agricultural statistics. Japan, Israel, West Germany, Switzerland, India, China, and the U. K. have been involved with agricultural production efforts in various parts of the country, including food grains, horticulture, livestock, and cash crops such as tea and cotton. The UNDP has been working on improved varieties of cereal crops. The Swiss have worked on parasitic diseases. Irrigation projects have been supported by the ADB, the Indian Cooperation Mission and UNDP (feasibility studies). The IBRD is considering an irrigated agricultural production project in the Birjung area.

USAID efforts addressed to this problem area are described in the individual project sheets that follow. For FY 73 and FY 74 we plan to continue the development of the five research extension farms in the Terai, complete our groundwater investigation project, and provide rupee share capital to the Agricultural Development Bank. Other activities will depend on the reviews and studies described in the FY 74 DAP.

We plan to concentrate our program in the areas of agriculture where we feel we have a comparative advantage and a history of effective assistance and acceptance by HMG. This will be in both a regional context and on a national scale. We can be expected to follow HMG interest in integrating the hill areas with the Terai (see p. 10 of the FY 1974 DAP).

Also see the Education sector narrative, below, for a description of assistance in agricultural education.

Type B costs are described in Table VI.

a. Food Grain Technology Dollar and Rupee Project

Purpose of Project:

To develop an adaptive research capability and seed multiplication program with emphasis on paddy rice, wheat and maize on five research stations at Rampur, Janakpur, Nepalgunj, Bhairawa and Parwanipur. A complementary feature is the development of an Extension Service capable of identifying farm problems which can be resolved through research and transferring the useful results of research to the family farmer in the Terai.

Activity to Date:

Coordinated research to test new varieties, dates of planting, fertilizer rates, and plant protection materials is under way with rice and wheat at all stations and with maize at Rampur and Parwanipur. Seed multiplication of the recommended varieties of rice, wheat and maize seed has been produced for demonstration purposes and for sale to farmer seed growers near the research stations.

Farmer field trials of wheat and rice were conducted on farmer's farms in FY 1972 through the cooperative efforts of the Departments of Research and Extension. Success of these trials is evidenced by current planting of about 4,000 acres of IR 20 rice in a supervised program in the Bhairawa area alone. There were similar demands for IR 20 rice from the Janakpur, Parwanipur, Rampur and Nepalgunj areas.

On-the-job training was conducted at each of the stations for the extension field staff. Additionally, advanced training was given senior Junior Technical Assistants at Kathmandu, and about 100 candidates were given pre-service training preparatory to appointment as Junior Technical Assistants.

Extension construction plans have called for seventeen buildings in thirteen districts. Seven are completed, six are near completion and the four remaining should be completed in FY 1973. Approximately 85% of the construction programmed for the five research stations in FY 1972 is completed, with the shortfall accounted for by the lack of material caused by the Indo-Pak war. Thirty-nine experimental on-farm storage containers have been constructed for research and demonstration purposes.

Plans for FY 1973 and FY 1974:

For the two years remaining in this project emphasis will be placed on the completion of the physical development of the five stations, which includes the installation of the irrigation systems, completion of building construction to support research and extension activities, and acquisition of machinery.

To strengthen adaptive research at the five stations, trials for the testing of new varieties and the development of locally adapted materials will continue. This will be complemented by the continuation of foundation seed production at the five stations and by farmer field trials being managed by research personnel. Increased attention will be given to rain-fed conditions.

The Extension Department plans to continue training to upgrade the competence of the extension staff, develop a cadre of extension subject matter specialists, continue the seed production program with farmers, promote the construction of on-farm storage by farmers and further develop a program of plant protection. As the physical plant at each station is completed and the research efforts are developed, increased attention will be given to the extension efforts.

Training is planned in USA and third countries in FY 1973 and FY 1974. The planned training supports the program by developing specific skills for selected individuals in key positions in the procurement and distribution of farm supplies, the allocation and use of farm credit, the selection of superior plant materials, the administration and supervision of development programs and the preparation and use of information materials.

From time to time improved seeds and other commodities become available abroad, and the progress of the project can be accelerated by prompt action in acquisition of small quantities with grant funds furnished to the project.

b. Ground Water Investigation Dollar and Rupee Grant Project

Purpose of Project:

To assist and develop an institutional capability in the Ground Water Section, Department of Hydrology and Meteorology, HMG in and for the investigation of groundwater resources of Nepal. HMG and AID/N have agreed on an exploration and training program in certain areas in the Western Terai--groundwater studies--involving test drilling, aquifer testing, chemical analyses of water, basic well inventory, and geologic mapping. Based on information obtained from these activities, a report evaluating the groundwater potential of the area will be prepared. When the investigation phase is complete, it will be possible to provide detailed information on production well construction, yield, chemical quality, well spacing and cost of water production. Such information reduces the risks of production drilling.

Activity to Date:

The investigation of the Lumbini Zone, one of the three areas of the Western Terai selected for study, is essentially complete. The following statistics cover roughly two seasons' operations:

(1) Total test holes and wells	99
(2) Total footage drilled	41,715 feet
(3) Number of test wells	28
(4) Number of observation wells	51
(5) Number of aquifer tests	26
(6) Number of chemical analyses	248
(7) Miles of access track constructed	393 miles

In addition, levels were run at all test sites, and a recharge study was set up along the Rohini River consisting of three observation wells equipped with automatic recorders and six staff gauges in the river. Both project drilling rigs are staffed with adequate personnel to operate three shifts running 24 hours a day. These personnel as well as 14 professionals, hydrogeologists, hydraulic engineers and chemists, received on-the-job training. Roughly 100 other project staff were also instructed on the job in various aspects of project operations such as storekeeping, heavy road equipment operations, automotive mechanics, and record keeping. The base workshop and stores and all equipment were moved to Nepalgunj. The technical report on the Lumbini Zone is in final preparation.

Plans for FY 1973 and FY 1974:

As originally programmed, the project was to conduct groundwater investigations in three areas of the Western Terai. The Lumbini Zone is now complete, and the equipment is on site at Nepalgunj. After the monsoon, operations will begin in Nepalgunj. Two-thirds of the program will be completed by the end of FY 1973, and a project review is scheduled for November 1973. After receiving the recommendations of this review, a decision will be made regarding the completion of the investigation of the third part of the program, the Dhangarhi area.

The project will require an Indian drilling contractor for both FY 1973 and FY 1974. The amount of work done by the contractor, however, will decrease as project operated drilling rigs become more efficient. By the end of FY 1974 the project rigs should be able to accomplish all of the test drilling required to evaluate groundwater resources elsewhere in Nepal.

The \$20,000 programmed for commodities for FY 1973 and the \$12,000 for FY 1974 is for purchase of spare parts for the American equipment. The rupee disbursements cover operational costs, contractor's costs, and purchase of well casing, jeeps, and other Indian equipment.

The project plans to send two hydrogeologists and one chemist for six months' training in the United States during FY 1973 and also in FY 1974. Additionally, project personnel will be sent to India or other third countries for training in automotive mechanics, heavy equipment operation, and other technical and administrative procedures.

c. Agriculture Development Bank Rupee Project

Purpose of Project:

To assist His Majesty's Government of Nepal in its attempts to strengthen the financial position of the Agriculture Development Bank, so as to allow the Bank to increase its provision of agricultural credit to both individuals and cooperatives throughout Nepal.

Activity to Date:

Since FY 1960, USAID/Nepal has provided technical assistance and/or budget support to the Agriculture Development Bank and its predecessor agencies--although no support was provided in FY 1972.

Plans for FY 73:

In its FY 73 Budget, the Agriculture Development Bank projected a significant increase in the level of its loan disbursements: from \$1.9 million equivalent (in local currency) in FY 71 and \$2 million equivalent in FY 72 to \$5.9 million equivalent in FY 73. Much of this increase is due to a \$2.4 million tractor and pump set loan from the Asian Development Bank. This foreign exchange loan carries with it large local currency requirements, which will be met by HMG contributions to share capital, borrowings from the Rastra Bank, and repayments of prior loans.

HMG, through its direct contributions and through the Rastra Bank, has been making a significant effort to increase the financial resources available to the Bank. Recognizing this, the USAID wishes to contribute \$500,000 equivalent in local currency to help HMG meet its commitment of \$1 million equivalent to the Bank's share capital.

TABLE VI

Country: Nepal

NEW RESOURCE COMMITMENTS BY AREA OF CONCENTRATION  
(Grant Obligations/Loan Authorizations/Title II Shipments)  
(\$ thousands)

Area of concentration: Food Grain Production

	<u>FY 1972</u>	<u>FY 1973</u>	<u>FY 1974</u>
1. <u>AID administered resources-Total</u>	<u>1,484</u>	<u>1,882</u>	<u>1,350</u>
<u>Development Loans</u>	None		
<u>Grant Projects</u>			
1. Food Grain Technology (367-11-110-054)	455 a/	575	699
2. Groundwater Investigation (367-11-120-207)	612 b/	499 c/	387 d/
3. Budget Support	417 e/	308 e/	264 f/
4. Agricultural Development Bank (367-11-140-213)	-	500 e/	-
<u>PL 480 Title II Shipments</u>	None		
<u>Housing Guaranties</u>	None		
<u>Type B and Project Type Tech Support g/</u>	(120)	(198)	(198)
2. <u>LDC inputs (\$ thousands equivalents)-Total</u>	<u>9,551</u>	<u>13,056</u>	h/
<u>Directly to AID</u>	803	1,817	
<u>Other related inputs</u>	8,748	11,239	
3. <u>Other donor assistance (\$ thousands equiv.) i/ j/</u>	<u>3,652</u>	Not available	
<u>Bilateral</u>			
<u>Loans</u>	-		
<u>Grants</u>	2,330		
<u>Multilateral</u>			
<u>Loans</u>	-		
<u>Grants</u>	1,322		

Footnotes:

- a/ Includes \$90,000 equivalent local currency contribution.  
b/ Includes \$460,000 equivalent local currency contribution.  
c/ Includes \$312,000 equivalent local currency contribution.  
d/ Includes \$214,000 equivalent local currency disbursement charged to dollar appropriation.  
e/ Local currency budget support grant.

(Continued)

f/ Local currency disbursement charged to dollar appropriation.

g/ Includes one direct hire technician, agriculture local staff, and a prorated portion of common-use tech support costs.

h/ Meaningful figures not available.

i/ Figures represent expenditures and are believed substantially complete and accurate, but have not been verified through HMG and should therefore be treated as preliminary. Some distortion may be present due to differences in donor reporting practices future year obligation data is not generally available, but levels are expected to gradually increase.

j/ Does not include possible disbursements against \$4.5 million farm development/irrigation project or \$2.4 million commodity loan.

Note: The USAID program in Nepal uses excess US owned Indian rupees. Since these were generated by PL 480 programs in India (not Nepal) we consider the local currency generation used in Nepal as US inputs.

**PROJECT BUDGET TABLE**  
(\$ thousands) **SUMMARY**

Country or Subregion: Nepal

Appropriation: TA

Financing Dates

Project title: Food Grain Technology

Begin	End
FY 57	FY 74
FY 57	FY 74

Project number: 367-11-110-054

Obligations:

Expenditures:

	Technicians				* Participants		Commods.	Other Costs	Total
	U.S.	Local/TCN			\$	MM			
	\$	MM		MM					
<b>FY 1972 Pipeline- Total</b>	75	21	-		74	95	5	-	154 d/
Direct	5 a/				71	90	-	-	76 d/
PASA	13 b/	4	-		-		-	-	13
Contract	57 c/	17	-		3	5	5	-	65 d/
<b>FY 1973 Oblig. - Total</b>	473	172	-		53	77	3	46	575
Direct	277	98	-		50	72	2	46	375
PASA	140	31	-		-		-	-	140
Contract	56	43	-		3	5	1	-	60
<b>FY 1973 Expend. - Total</b>	509	172	-		71	96	8	46	634
Direct	282	98	-		65	86	2	46	395
PASA	153	35	-		-		-	-	153
Contract	74	39	-		6	10	6	-	86
<b>6/30/73 Pipeline- Total</b>	39	21	-		56	76	-	-	95
Direct	-				56	76	-	-	56
PASA	-				-		-	-	-
Contract	39	21	-		-		-	-	39
<b>FY 1974 Oblig. - Total e/</b>	579	162	-		78	125	3	39	699
Direct	160	39	-		75	120	2	39	276
PASA	371	99	-		-		-	-	371
Contract	48	24	-		3	5	1	-	52
<b>FY 1974 Expend. - Total</b>	591	174	-		69	122	3	39	702
Direct	160	39	-		66	117	2	39	267
PASA	371	99	-		-		-	-	371
Contract	60	36	-		3	5	1	-	64
<b>All Subseq. Obs. - Total</b>									
Direct									
PASA									
Contract	54 f/	18	-		6 f/	10	3 f/	-	-

\*All participant costs include travel

	Number of US Technicians		Number of Participants		
	Long Term	Short Term	LT New	LT Contg	Short Term
	15 g/	7	10	7	14
<b>FY 1973 Obs.</b>	g/ 15	7	5	2	3
<b>FY 1974 Obs.</b>	h/ 19 g/	-	5	5	11

Contract Funding Dates	FY 1972		FY 1973		FY 1974	
	From:	To:	From:	To:	From:	To:
	(mo./year)		(mo./year)		(mc./year)	

Contractor: See individual contract table

Footnotes: See next page.

Footnotes:

- a/ Expenditure lag-storage.
- b/ Expenditure lag for TDY advisors.
- c/ See individual contract tables.
- d/ Represents USAID/N estimate of categories break down. U 203 shows total \$65,000 contract pipeline as technician cost.
- e/ Includes some possible overlapping between DH and PASA technicians due to uncertain timing for PASA arrivals.
- f/ It is anticipated that this obligation for technical services from CIMMYT will be made against the new agriculture project beginning in FY 75.
- g/ Of the total shown, third country training accounts for 2 L-T new (AUB), 3 S-T, 41 mm and \$12,000.
- h/ Of the total shown, third country training accounts for 4 L-T new (AUB), 11 S-T, 113 mm, and \$44,000.

PROJECT PERSONNEL AND PARTICIPANTS  
(thousands of U.S. dollars)

Country: Nepal

Project No.: 367-11-110-054

Project title: Food Grain Technology

PERSONNEL & PARTICIPANTS	Funding Source	Actual FY 72		Estimate FY 73		Projected FY 74		Projected FY 75	
		O-B	MMs	O-B	MMs	O-B	MMs	O-B	MMs
A. U.S. Personnel - Total	TA	10	116	13	158	13	174	-	591
1. Direct - Sub-Total		8	96	6	98	-	39	-	160
a. Agronomy Advisor		X	12	X	12	-	6	-	24
b. Extension Advisor		X	12	-	9	-	-	-	-
c. Irrigation Advisor		X	12	X	12	-	5	-	31
d. Area Advisor - Hitaure		X	12	X	12	-	10	-	33
e. Area Adv - Nepalganj		X	12	-	9	-	-	-	-
f. Area Adv - Bhairawa		X	12	X	12	-	6	-	21
g. Area Adv - Rampur		X	12	X	12	-	6	-	22
h. Area Adv - Janakpur		X	12	X	12	-	6	-	29
i. Carryover (Departed Technicians)		-	-	-	-	-	-	-	-
j. Short-Term Consultants		-	14	-	5	-	-	-	-
2. PASA - Sub-Total		-	-	-	8	-	-	-	-
a. Chief of Party		-	4	4	35	10	99	10	377
b. Economist		-	-	X	11	X	12	X	40
c. Extension Advisor		-	-	X	6	X	12	X	35
d. Ag Advisor - Area		-	-	X	6	X	12	X	35
e. Agronomy Advisor		-	-	X	6	X	12	X	35
f. Irrigation Advisor		-	-	-	-	X	9	X	32
g. Ag Advisor - Area		-	-	-	-	X	10	X	34
h. Ag Advisor - Area		-	-	-	-	X	5	X	25
i. Ag Advisor - Area		-	-	-	-	X	9	X	34
j. Ag Advisor - Area		-	-	-	-	X	9	X	37
k. Carryover (Departed Technicians)		-	-	-	-	X	9	X	33
l. Short-Term Consultants		-	-	-	4	-	-	-	-
m. Overhead on above		-	4	-	2	-	-	-	31

I. Personnel

	Actual FY 72		Estimate FY 73		Projected FY 74		Projected FY 75					
	Funding Source	O-B 6/30 MMs Expend.										
3. Contract - Sub-Total		1	17	27	3	39	74	3	36	60	12	36
See attachments for details of contracts (6 contracts)												
B. Local & TCN - Total	TF	-	(18)	(5)	-	-	-	-	-	-	-	-
1. Direct - Sub-Total		-	(18)	(5)	-	-	-	-	-	-	-	-
a. Professional Local		-	(18)	(5)	-	-	-	-	-	-	-	-
II. Participants - Total	TA	19	142	47	5	96	71	10	122	69	7	113
Long-Term - Sub-Total		14	112	28	3	71	49	6	81	44	7	84
1. New		6	72	18	2	16	10	5a/	57a/	28a/	5b/	59b/
2. Continuing		8	40	10	1	55	39	1	24	16	2	25
Short-Term - Sub-Total		5	30	19	2	25c/	22c/	4d/	41d/	25d/	-	29d/

a/ Includes 2 L-T participants (24 mm) of third country training to AUB.

b/ Includes 4 L-T participants (48 mm) of third country training to AUB.

c/ Includes 5 mm and \$3,000 of third country training.

d/ All in third countries.

PROJECT BUDGET TABLE  
(\$ thousands)

Country ~~and Subregions~~ Nepal  
Project title: Food Grain Technology

Appropriation: TA

Financing Dates

Project number: 367-11-110-054  
CIMMYT Contract No. AID/NESA-563

Obligations:

Expenditures:

Begin	End
FY 72	FY 77
FY 72	FY 77

	Technicians		Participants *		Commods.	Other Costs	Total	
	U.S.	Local/TCN						
	\$	MM	MM	\$	MM	\$	\$	
<u>FY 1972 Pipeline- Total</u>	42	14	-	3	5	5	-	50
Direct								
PASA								
Contract	42	14	-	3	5	5	-	50
<u>FY 1973 Oblig. - Total</u>	21	7	-	3	5	1	-	25
Direct								
PASA								
Contract	21	7	-	3	5	1	-	25
<u>FY 1973 Expend. - Total</u>	36	12	-	6	10	6	-	48
Direct								
PASA								
Contract	36	12	-	6	10	6	-	48
<u>6/30/73 Pipeline- Total</u>	27	9	-	-	-	-	-	27
Direct								
PASA								
Contract	27	9	-	-	-	-	-	27
<u>FY 1974 Oblig. - Total</u>	36	12	-	3	5	1	-	40
Direct								
PASA								
Contract	36	12	-	3	5	1	-	40
<u>FY 1974 Expend. - Total</u>	36	12	-	3	5	1	-	40
Direct								
PASA								
Contract	36	12	-	3	5	1	-	40
<u>All Subseq. Obs. - Total</u>	54	18	-	6	10	3	-	63
Direct								
PASA								
Contract	54	18	-	6	10	3	-	63

\*All participant costs include travel

	Number of US Technicians		Number of Participants		
	Long Term	Short Term	LT New	LT Contg	Short Term
	1	-	-	-	6
<u>FY 1973 Obs.</u>	1	-	-	-	3
<u>FY 1974 Obs.</u>	1	-	-	-	3

Contract Funding Dates	FY 1972	FY 1973	FY 1974
	From: 8/71	From: 1/73	From: 3/74
To: 1/73	To: 3/74	To: 3/75	
	(mo./year)	(mo./year)	(mo./year)

Contractor: CIMMYT - Mexico

TABLE VIII

PROJECT PERSONNEL AND PARTICIPANTS  
(thousands of U.S. dollars)

Country: Nepal

CIDMYT

Project No.: 367-11-110-054

Project title: Food Grain Technology

Funding Source	Actual FY 72		Estimate FY 73		Projected FY 74		Projected FY 75	
	O-B	6/30	O-B	6/30	O-B	6/30	O-B	6/30
MMs Expend.								
MMs Expend.								

PERSONNEL & PARTICIPANTS

I. Personnel

A. U.S. Personnel - Total

3. Contract (CIDMYT) TA

a. Plant Breeder

	X	4	5	X	12	36	X	12	36	-	12	36
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**PROJECT BUDGET TABLE**  
(\$ thousands)

Country: Nepal  
Project title: Food Grain Technology

Appropriation: TA

Financing Dates

Project number: 367-11-110-054

Obligations:

Expenditures:

Begin	End
FY 73	FY 73
FY 73	FY 73

	Technicians		Participants		Commods.	Other Costs	Total
	U.S.	Local/TCN					
	\$	MM	\$	MM	\$	\$	\$
<u>FY 1972 Pipeline- Total</u>	-	-	-	-	-	-	-
Direct							
PASA							
Contract							
<u>FY 1973 Oblig. - Total</u>	4	3	-	-	-	2	6
Direct	-	-	-	-	-	2	2
PASA							
Contract	4	3	-	-	-	-	4
<u>FY 1973 Expend. - Total</u>	4	3	-	-	-	2	6
Direct	-	-	-	-	-	2	2
PASA							
Contract	4	3	-	-	-	-	4
<u>6/30/73 Pipeline- Total</u>							
Direct							
PASA							
Contract							
<u>FY 1974 Oblig. - Total</u>							
Direct							
PASA							
Contract							
<u>FY 1974 Expend. - Total</u>							
Direct							
PASA							
Contract							
<u>All Subseq. Obs.- Total</u>							
Direct							
PASA							
Contract							

	Number of US Technicians		Number of Participants		
	Long Term	Short Term	LT New	LT Contg	Short Term
FY 1973 Obs.	-	1	-	-	-
FY 1974 Obs.	-	1	-	-	-

Contract Funding Dates	FY 1972	FY 1973	FY 1974
	From:	From: 3/73	From:
To:	To: 6/73	To:	
	(mo./year)	(mo./year)	(mo./year)

Contractor : Donald R. Pfaller (Personal Services Contract)

TABLE VIII

PROJECT PERSONNEL AND PARTICIPANTS  
(thousands of U.S. dollars)

Country: Nepal

Storage Advisor - PSC

Project No.: 367-11-110-054

Project title: Food Grain Technology

Funding Source	Estimated FY 73	
	O-B	MM\$ Expend.
6/30		

PERSONNEL & PARTICIPANTS

I. Personnel

A. U.S. Personnel - Total

3. Contract (PSC)

a. Storage Advisor

TA

- 3 4

**PROJECT BUDGET TABLE**  
(\$ thousands)

**TABLE VII**

Country or Subcountry: Nepal  
Project title: Food Grain Technology

Appropriation: TA

**Financing Dates**

Project number: 367-11-110-054

Obligations:

Expenditures:

Begin	End
FY 73	FY 74
FY 73	FY 74

	Technicians		Participants		Commods.	Other Costs	Total
	U.S.	Local/TCN					
	\$	MM	MM	\$	MM	\$	\$
<u>FY 1972 Pipeline- Total</u>	-	-	-	-	-	-	-
Direct							
PASA							
Contract							
<u>FY 1973 Oblig. - Total</u>	21	21	-	-	-	-	21
Direct							
PASA							
Contract	21	21	-	-	-	-	21
<u>FY 1973 Expend. - Total</u>	9	9	-	-	-	-	9
Direct							
PASA							
Contract	9	9	-	-	-	-	9
<u>6/30/73 Pipeline- Total</u>	12	12	-	-	-	-	12
Direct							
PASA							
Contract	12	12	-	-	-	-	12
<u>FY 1974 Oblig. - Total</u>	-	-	-	-	-	-	-
Direct							
PASA							
Contract							
<u>FY 1974 Expend. - Total</u>	12	12	-	-	-	-	12
Direct							
PASA							
Contract	12	12	-	-	-	-	12
<u>All Subseq. Obs.- Total</u>							
Direct							
PASA							
Contract							

	Number of US Technicians		Number of Participants		
	Long Term	Short Term	LT New	LT Contg	Short Term
	1	-	-	-	-
<u>FY 1973 Obs.</u>	1	-	-	-	-
<u>FY 1974 Obs.</u>					

Contract Funding Dates	FY 1972	FY 1973	FY 1974
	From:	From: 10/72	From:
To:	To: 6/74	To:	
	(mo./year)	(mo./year)	(mo./year)

Contractor: Dr. Janet Splitter (Personal Services Contract)

PROJECT PERSONNEL AND PARTICIPANTS  
 (thousands of U.S. dollars)  
 Protein Analyst - PSC

TABLE VIII

Country: Nepal

Project No.: 367-11-110-054

Project title: Food Grain Technology

PERSONNEL & PARTICIPANTS	Actual FY 72		Estimate FY 73		Projected FY 74		Projected FY 75	
	Funding O-B	Source 6/30 MMs Expend.	O-B	6/30 MMs Expend.	O-B	6/30 MMs Expend.	O-B	6/30 MMs Expend.
I. <u>Personnel</u>								
A. U.S. Personnel - Total								
3. Contract (PSC)								
a. Protein Analyst	-	-	X	9	X	12	-	-

## PROJECT BUDGET TABLE

TABLE VII

(\$ thousands)

Country ~~and location~~: Nepal

Appropriation: T/A

Financing Dates

Project title: Food Grain Technology

Project number: 367-11-110-054

Obligations:

Expenditures:

Begin	End
FY 72	FY 74
FY 72	FY 74

	Technicians		Participants		Commods.	Other Costs	Total
	U.S.	Local/TCN					
	\$	MM	\$	MM	\$	\$	\$
<u>FY 1972 Pipeline- Total</u>	-	-	-	-	-	-	-
Direct							
PASA							
Contract							
<u>FY 1973 Oblig. - Total</u>	10	12	-	-	-	1	11
Direct	-	-	-	-	-	1	1
PASA							
Contract	10	12	-	-	-	-	10
<u>FY 1973 Expend. - Total</u>	10	12	-	-	-	1	11
Direct	-	-	-	-	-	1	1
PASA							
Contract	10	12	-	-	-	-	10
<u>6/30/73 Pipeline- Total</u>	-	-	-	-	-	-	-
Direct							
PASA							
Contract							
<u>FY 1974 Oblig. - Total</u>	12	12	-	-	-	1	13
Direct	-	-	-	-	-	1	1
PASA							
Contract	12	12	-	-	-	-	12
<u>FY 1974 Expend. - Total</u>	12	12	-	-	-	1	13
Direct	-	-	-	-	-	1	1
PASA							
Contract	12	12	-	-	-	-	12
<u>All Subseq. Obs.- Total</u>	-	-	-	-	-	-	-
Direct							
PASA							
Contract							

	Number of US Technicians		Number of Participants		
	Long Term	Short Term	LT New	LT Contg	Short Term
	1	-	-	-	-
<u>FY 1973 Obs.</u>	1	-	-	-	-
<u>FY 1974 Obs.</u>	1	-	-	-	-

Contract Funding Dates	FY 1972 <sup>a/</sup>	FY 1973 <sup>b/</sup>	FY 1974
	From: 4/72	From: 7/72	From: 7/73
To: 3/73	To: 6/73	To: 6/74	
(mo./year)	(mo./year)	(mo./year)	

Contractor: Donald A. Wilder (Personal Services Contract)

<sup>a/</sup>Local currency funded PSC.<sup>b/</sup>To shift to dollar funded PSC.

PROJECT PERSONNEL AND PARTICIPANTS  
(thousands of U.S. dollars)  
Training Advisor - PSC

TABLE VIII

Country: Nepal

Project No.: 367-11-110-054

Project title: Food Grain Technology

PERSONNEL & PARTICIPANTS	Actual FY 72		Estimated FY 73		Projected FY 74		Projected FY 75	
	Funding O-B	Source	O-B	6/30	O-B	6/30	O-B	6/30
				MMs Expend.		MMs Expend.		MMs Expend.
I. Personnel								
A. U.S. Personnel - Total								
3. Contract (PSC)		TF						
a. Training Advisor*	(X)	(3)	(3)		X	12	X	12

\*Funded as a local currency PSC in FY 72 and non-add to contract sub-total.

PROJECT BUDGET TABLE  
( \$ thousands)

Country: Nepal

Appropriation: TA

Financing Dates

Project title: Food Grain Technology

Project number: 367-11-110-054

Obligations:

Expenditures:

Begin	End
FY 66	FY 72
FY 66	FY 73

	Technicians		Participants		Commods.	Other Costs	Total
	U.S.	Local/TCN					
	\$	MM	\$	MM	\$	\$	\$
<u>FY 1972 Pipeline- Total</u>	15	3	-	-	-	-	15
Direct							
PASA							
Contract	15	3	-	-	-	-	15
<u>FY 1973 Oblig. - Total</u>	-	-	-	-	-	-	-
Direct							
PASA							
Contract							
<u>FY 1973 Expend. - Total</u>	15	3	-	-	-	-	15
Direct							
PASA							
Contract	15	3	-	-	-	-	15
<u>6/30/73 Pipeline- Total</u>	-	-	-	-	-	-	-
Direct							
PASA							
Contract							
<u>FY 1974 Oblig. - Total</u>	-	-	-	-	-	-	-
Direct							
PASA							
Contract							
<u>FY 1974 Expend. - Total</u>	-	-	-	-	-	-	-
Direct							
PASA							
Contract							
<u>All Subseq. Obs.- Total</u>	-	-	-	-	-	-	-
Direct							
PASA							
Contract							

	Number of US Technicians		Number of Participants		
	Long Term	Short Term	LT New	LT Contg	Short Term
FY 1973 Obs.					
FY 1974 Obs.					

Contract Funding Dates	FY 1972	FY 1973	FY 1974
	From:	From:	From:
To:	To:	To:	
	(mo./year)	(mo./year)	(mo./year)

Contractor: ACDI

a/Represents 3 months expenditures lag for terminated activity.

TABLE VIII

PROJECT PERSONNEL AND PARTICIPANTS  
(thousands of U.S. dollars)

Country: Nepal

ACDI

Project No.: 367-11-110-054

Project title: Food Grain Technology

PERSONNEL & PARTICIPANTS	Actual FY 72		Estimate FY 73	
	O-B 6/30	MMs Expend.	O-R 6/30	MMs Expend.

I. Personnel

A. U.S. Personnel - Total

3. Contract (ACDI) TA

- a. Storage Advisor
- b. Contract Residual

	-	12	-	-
	-	-	-	3
		20		15

TABLE VIII  
Country: Nepal

PROJECT PERSONNEL AND PARTICIPANTS  
(thousands of U.S. dollars)  
Ag Marketing Advisor

Project No.: 367-11-110-054

Project title: Food Grain Technology

	Actual FY 72	
	<u>Funding</u> <u>Source</u>	<u>0-B</u> <u>6/30</u> <u>Mms</u> <u>Expend.</u>
<u>PERSONNEL &amp; PARTICIPANTS</u>		
I. <u>Personnel</u>		
A. U.S. personnel - Total		
3. Contract	TA	
a. Short-Term Consultant - Ag Marketing Advisor		- 1 2

PROJECT SUMMARY  
(\$ thousands)

TABLE VII

Country of origin: Nepal      Appropriation: TA  
Project title: Groundwater Investigation  
Project number: 367-11-120-207

Financing Dates	
Begin	End
FY 69	FY 74
FY 69	FY 74

Obligations:

Expenditures:

	Technicians			Participants*		Commod.	Other Costs	Total
	U.S.	Local/TCN		U.S.	FN	\$	\$	\$
	\$	MM	MM					
<u>FY 1972 Pipeline</u> - Total	51	24	-	25 <sup>a/</sup>	30	13	-	89
Direct	-	-	-	25	30	13	-	38
PASA	2 <sup>a/</sup>	-	-	-	-	-	-	2
Contract	49	24	-	-	-	-	-	49
<u>FY 1973 Oblig.</u> - Total	102	25	4	12	27	24	20	187
Direct	3	1	-	-	27	24	20	78
PASA	93	24	-	-	-	-	-	93
Contract	10 <sup>b/</sup>	-	4	12	-	-	6 <sup>b/</sup>	20
<u>FY 1973 Expend.</u> - Total	127	37	4	12	21	16	33	216
Direct	3	1	-	-	21	16	28	85
PASA	95	24	-	-	-	-	-	95
Contract	29	12	4	12	-	-	3	36
<u>6/30/73 Pipeline</u> - Total	30	12	-	-	31	38	-	62
Direct	-	-	-	-	31	38	-	31
PASA	-	-	-	-	-	-	-	-
Contract	30	12	-	-	-	-	3	33
<u>FY 1974 Oblig.</u> - Total	109	24	4	12	20	18	12	173
Direct	-	-	-	-	20	18	12	60
PASA	109	24	-	-	-	-	-	109
Contract	-	-	4	12	-	-	-	4
<u>FY 1974 Expend.</u> - Total	139	36	4	12	22	20	12	208
Direct	-	-	-	-	22	20	12	62
PASA	109	24	-	-	-	-	-	109
Contract	30	12	4	12	-	-	3	37
<u>All Subseq. Obs.</u> - Total	-	-	-	-	-	-	-	-
Direct	-	-	-	-	-	-	-	-
PASA	-	-	-	-	-	-	-	-
Contract	-	-	-	-	-	-	-	-

\*All participant costs include travel

	Number of US Technicians		Number of Participants		
	Long Term	Short Term	LT New	LT Contg	Short Term
	4	2	-	-	7
FY 1973 Obs.	4	2	-	-	4
FY 1974 Obs.	4	-	-	-	3

Contract Funding Dates (See individual table)	FY 1972		FY 1973		FY 1974	
	From:	To:	From:	To:	From:	To:

(no./year)      (no./year)      (no./year)

<sup>a/</sup>Represents a lagged expenditure and is therefore not carried on FY 73 accrued expenditure estimate.

Contractor: James Blevins (Personal Services Contract)

<sup>b/</sup>Represents dollar requirement for personnel costs and contract support previously funded in local currency. Blevins Contract.

PROJECT PERSONNEL AND PARTICIPANTS  
(thousands of U.S. dollars)

Country: Nepal

Project No.: 367-11-120-207

Project title: Groundwater Investigation

PERSONNEL & PARTICIPANTS	Funding Source	Actual FY 72		Estimate FY 73		Projected FY 74		Projected FY 75	
		O-B	MMs	O-B	MMs	O-B	MMs	O-B	MMs
<b>I. Personnel</b>									
A. U.S. Personnel - Total	TA	3	128	3	37		36		139
1. Direct - Sub-Total		-	-	-	1		-		-
a. Short-Term Consultant		-	-	-	1		-		-
2. PASA - Sub-Total		2	103	2	24		24		109
a. Chief of Party	X	X	12	X	12		12		48
b. Geology Advisor	X	X	12	X	12		12		37
c. Overhead on above		-	-	-	-		-		24
3. Contract - Sub-Total		1	25	1	12		12		30
a. Well Drilling Advisor	X	X	19	X	12		12		30
b. Well Driller		-	6	-	-		-		-
B. Local & TCN - Total	TF	(1)	(12)	(1)	12		12		4
1. Direct - Sub-Total		-	-	-	-		-		-
2. PASA - Sub-Total		-	-	-	-		-		-
3. Contract - Sub-Total		(X)	(12)	(1)	12		12		4
Professional Local a/						X			
II. Participants - Total	TA	4	39	4	16	3	20	3	22
Long-Term - Sub-Total		-	-	-	-	-	-	-	-
1. New		-	-	-	-	-	-	-	-
2. Continuing		-	-	-	-	-	-	-	-
Short-Term - Sub-Total		4	39	4	16	3	20	3	22

a/ Funded with local currency in FY 72 and non-add to totals.

PROJECT SUMMARY Table  
( \$ thousands)

TABLE VII

Country cooperation: Nepal      Appropriation: TA  
Project title: Groundwater Investigation

Project number: 367-11-120-207

Obligations:

Expenditures:

<u>Financing Dates</u>	
<u>Begin</u>	<u>End</u>
FY 72	FY 74
FY 72	FY 74

	<u>Technicians</u>				<u>Participants</u>		<u>Commod.</u>	<u>Other Costs</u>	<u>Total</u>
	<u>U.S.</u>	<u>Local/TCN</u>			<u>\$</u>	<u>MM</u>	<u>\$</u>	<u>\$</u>	
	<u>\$</u>	<u>MM</u>	<u>MM</u>	<u>MM</u>					
<u>FY 1972 Pipeline- Total</u>	49	24	-	-	-	-	-	-	49
<u>Direct</u>									
<u>PASA</u>									
<u>Contract</u>	49	24	-	-	-	-	-	-	49
<u>FY 1973 Oblig. - Total</u>	10 1/2	-	-	-	-	-	6 1/2	-	16
<u>Direct</u>									
<u>PASA</u>									
<u>Contract</u>	10 1/2	-	-	-	-	-	6 1/2	-	16
<u>FY 1973 expend. - Total</u>	29	12	-	-	-	-	3	-	32
<u>Direct</u>									
<u>PASA</u>									
<u>Contract</u>	29	12	-	-	-	-	3	-	32
<u>6/30/73 Pipeline- Total</u>	30	12	-	-	-	-	3	-	33
<u>Direct</u>									
<u>PASA</u>									
<u>Contract</u>	30	12	-	-	-	-	3	-	33
<u>FY 1974 Oblig. - Total</u>	-	-	-	-	-	-	-	-	-
<u>Direct</u>									
<u>PASA</u>									
<u>Contract</u>									
<u>FY 1974 Expend. - Total</u>	30	12	-	-	-	-	3	-	33
<u>Direct</u>									
<u>PASA</u>									
<u>Contract</u>	30	12	-	-	-	-	3	-	33
<u>All Subseq. Obs. - Total</u>									
<u>Direct</u>									
<u>PASA</u>									
<u>Contract</u>									

	<u>Number of US Technicians</u>		<u>Number of Participants</u>		
	<u>Long Term</u>	<u>Short Term</u>	<u>LT New</u>	<u>LT Contg</u>	<u>Short Term</u>
FY 1973 Obs.	1	-	-	-	-
FY 1974 Obs.	1	-	-	-	-

<u>Contract Funding Dates</u>	<u>FY 1972</u>	<u>FY 1973</u>	<u>FY 1974</u>
	<u>From:</u> 10/71	<u>From:</u>	<u>From:</u>
	<u>To:</u> 6/74 (mo./year)	<u>To:</u> (mo./year)	<u>To:</u> (mo./year)

Contractor: James Blevins (Personal Services Contract)

1/Represents dollar requirement for personnel costs and support previously funded in local currency.

**TABLE VIII**

**PROJECT PERSONNEL AND PARTICIPANTS**  
 (thousands of U. S. dollars)  
 Well Drilling Advisor (PSC)

Project No.: 367-11-120-207

Project Title: Groundwater Investigation

<u>PERSONNEL &amp; PARTICIPANTS</u>	<u>Actual FY 72</u>		<u>Est. FY 73</u>		<u>Projected FY 74</u>		<u>Projected FY 75</u>	
	<u>Funding</u>	<u>O-B</u>						
	<u>Source</u>	<u>6/30 Mts Expend.</u>						

I. Personnel

- A. U. S. Personnel--Total
  - 1. Direct - None
  - 2. PASA - None
  - 3. Contract--Sub-Total
    - a. Well Drilling Advisor (PSC)

B. Local & FCM--Total  
None

II. Participants--Total  
None

TA	1	15	25	1	12	29	-	12	30	-	-
	x	9	19	x	12	29	-	12	30	-	-

**PROJECT BUDGET TABLE**  
(\$ thousands)

**TABLE VII**

Country ~~and~~ host country: Nepal      Appropriation: TA

Project title: Groundwater Investigation

Project number: 367-11-120-207

Obligations:

expenditures:

Financing Dates	
Begin	End
FY 71	FY 74
FY 71	FY 74

FY 1972 Pipeline - Total  
Direct  
PASA  
Contract

FY 1973 Oblig. - Total  
Direct  
PASA  
Contract

FY 1973 expend. - Total  
Direct  
PASA  
Contract

6/30/73 Pipeline - Total  
Direct  
PASA  
Contract

FY 1974 Oblig. - Total  
Direct  
PASA  
Contract

FY 1974 expend. - Total  
Direct  
PASA  
Contract

All Subseq. Obs. - Total  
Direct  
PASA  
Contract

	Technicians		Participants		Commod.	Other Costs	Total
	U.S.	Local/TCN					
	\$	MM	\$	MM	\$	\$	\$
<u>FY 1972 Pipeline</u> - Total	-	-	-	-	-	-	-
Direct							
PASA							
Contract							
<u>FY 1973 Oblig.</u> - Total	-	4	12	-	-	-	4
Direct							
PASA							
Contract	-	4	12	-	-	-	4
<u>FY 1973 expend.</u> - Total	-	4	12	-	-	-	4
Direct							
PASA							
Contract	-	4	12	-	-	-	4
<u>6/30/73 Pipeline</u> - Total	-	-	-	-	-	-	-
Direct							
PASA							
Contract							
<u>FY 1974 Oblig.</u> - Total	-	4	12	-	-	-	4
Direct							
PASA							
Contract	-	4	12	-	-	-	4
<u>FY 1974 expend.</u> - Total	-	4	12	-	-	-	4
Direct							
PASA							
Contract	-	4	12	-	-	-	4
<u>All Subseq. Obs.</u> - Total							
Direct							
PASA							
Contract							

	Number of US Technicians		Number of Participants		
	Long Term	Short Term	LT New	LT Contg	Short Term
	1	-	-	-	-
FY 1973 Obs.	1	-	-	-	-
FY 1974 Obs.	1	-	-	-	-

Contract Funding Dates	FY 1972	FY 1973	FY 1974
	From: To: (no./year)	From: To: (no./year)	From: To: (no./year)
6/15/71	From: 6/74 To: (no./year)	From: To: (no./year)	From: To: (no./year)

Contractor: Naresh Prashad Upadhyaya (Personal Services Contract, TCN)

B. 3. An education system that is not relevant to the evolving needs of Nepal (See p. 3 and p. 11 of the FY 74 DAP.)

Gradual progress in the development of political institutions and improved communications have resulted in pressures on HMG to provide more education. As recently as twenty years ago, there was essentially no formal public education system in Nepal. In the rush to meet the new demands, HMG borrowed educational patterns developed for different environments. They now feel that these need to be modified to meet the conditions in Nepal. They also recognize that the initiative and the policy decisions in this process must be largely Nepalese. Nepal wants education to be directed toward the social and economic needs of individuals and of the country. Emphasis will be put on the vocational aspects and on developing curriculum and teaching methods that more nearly meet the needs of Nepal and fit the Nepalese environment.

The educational system of Nepal is currently undergoing a complete overhaul as dictated by its National Education System Plan, 1971-1976. USAID/Nepal has been assisting the GON in meeting the challenge of the planned educational changes, some of which are already in process, and helping prepare the more detailed plans for activities yet to begin. USAID/Nepal's chief contribution in education has been to provide specialists and advisors in the fields of mathematics, science, and general teacher education, and short-term consultants for educational materials production.

During FY 73 and FY 74 we plan to help the HMG implement their comprehensive New Education Plan, participating in a highly selective way with due regard to the activities of other donors. We will be working in

the development of a process to install HMG curriculum and teaching methods, test and evaluate them in practice, and feed back the evaluation results. Science and math will serve as the subject matter vehicles for this process. We also propose to initiate projects in secondary level vocational agriculture and to assist with the Agricultural College. See pp. 3, 11, 22, 23 of the FY 74 DAP for further description of our projects and planning for FY 73 and FY 74. Individual project descriptions also follow.

Other donor activity in this problem area includes assistance by the U. K. and UNESCO in educational materials; construction of facilities by the Indian Cooperation Mission, the U. K., the United Mission to Nepal; assistance in curriculum and teaching materials by U. K., UNDP, UNICEF, UNESCO; teaching help by France, USSR, U. K.; radio education by the U. K., and vocational training help by Germany, United Mission to Nepal, and the UNDP.

Type B costs are described in Table VI.

A. Teacher and Materials Utilization and Development Project

Purpose of Project:

To assist the Institute of Education in setting in operation a process by which education materials are developed, refined, tested, revised and used in the classrooms through the improvement of in-service and pre-service teacher training programs to be directed by the Institute. The subject matter areas of mathematics and science will be used as the main target areas and vehicles for developing the process. To accomplish this purpose, the project will assist the GON in upgrading teacher training staffs, in developing formalized links between the Institute of Education, the Curriculum Development Center and the Education Materials Organization, and in developing a system of materials evaluation and feedback in the

Nepalese primary and secondary education system.

Activity to Date:

During FY 1972, the Nepalese educational system experienced rapid changes with very little time for evaluation and revision of curriculum and materials on the part of the Ministry of Education (MOE). The Science Teaching Enrichment Program (STEP) has reached the tenth and final grade, and a phasing out process has begun. The materials for the ninth grade under the Program for the Revision and Instruction of Mathematics Education (PRIME) are in the process of completion. Phasing out of this program has already begun. Major portions of both programs have been incorporated into the new curricula of secondary mathematics and science. Current MOE plans do not call for two separate programs in math and science due to the additional expense and special teacher training requirements.

Further technical assistance has been provided by USAID to supervise instruction on a regular basis at the Primary School Teacher Training Centers (PSTTCs), complete research studies on the PSTTCs, help with a reorientation of the Teacher Education Program at the Institute of Education, cooperate with UNESCO and the MOE in its Teacher Education Program, and with the training of new district supervisors.

The service of the NEA/Teach Corps has augmented ongoing programs in teacher education with special emphasis on art education, library science, business education, physical education, methods of teaching, and classroom evaluation. Work on a survey of educational materials production was begun in FY 1972 and will continue into the first quarter of FY 1973.

Plans for FY 1973 and FY 1974

The Teacher and Materials Utilization and Development Project will have its specialists on board by the end of the second quarter of FY 1973. These specialists will work in Primary and Secondary Mathematics, Secondary Science, and general Teacher Education at the reorganized Institute of Education at Tribhuvan University, and at the PSTTCs in the field.

During FY 1974, work will continue in the Teacher and Materials Utilization and Development Project with special attention being given to revising curriculum, participating in teacher workshops to develop ways of using materials in classrooms, writing teachers' guides and evaluating materials and processes.

B. Vocational Agriculture Teacher Education ProjectPurpose of Project

To assist the GON Ministry of Education in the establishment of a corps of vocational agriculture teacher educators who will have the competence to plan and conduct secondary agriculture teacher training programs and who will be competent to function as vocational supervisory personnel.

The project will emphasize the development of a leadership corps in agriculture education that will provide the primary input into teacher training activities, curriculum review and refinement, development of sources and systems for the delivery of Ag-related instructional materials to the schools, provision of technical support for teachers and determining appropriate financial requirements for secondary Ag education.

Activity to Date:

Through a Vocational Agriculture Education Survey conducted in FY 1972, recommendations were made to the MOE for changes in curriculum and

teacher/supervisor education. The report was accepted by the MOE, and a draft proposal has been prepared by the Mission proposing future involvement in Agriculture Education.

Plans for FY 1973 and FY 1974:

AID will supply to the Government of Nepal three U. S. Specialists in vocational agriculture education, whose services will be utilized by the Institute of Education. These specialists will be supplied by either a U. S. institution which will be responsible for recruiting, hiring and supporting them, or they will be recruited directly by USAID on personal services contracts.

All three Vo-Ag specialists will cooperate closely and work interchangeably to fulfill the purposes and objectives of this project. The Senior specialist will be designated as the team leader and will be responsible for the continual close working relationships with Nepalese counterparts. Specifically, all three specialists will assist counterparts with the following:

- a. the development and implementation of a two-year work/study program leading to an M.Ed. in Agricultural Education;
- b. the development of a teacher educator training curriculum and course work;
- c. demonstration instruction in agricultural education;
- d. evaluation and supervision of trainees in the field;
- e. the implementation of a realistic, dynamic, practically oriented secondary vo-ag curriculum;

- f. conducting periodic workshops for agriculture teachers;
- g. the development of teacher educator, vocational supervisor, and vo-ag teacher manuals.

In addition to the responsibilities listed above, the agriculture education specialists should be prepared to assist the Ministry of Education in finding solutions in the following problem areas:

- a. The most effective means of giving technical support to agricultural teachers in the field;
- b. determining sources and proper utilization of material assistance to the various secondary schools offering vocational agriculture;
- c. the development of a standardized agricultural examination system;
- d. the development of a national system of agricultural education administration.

### C. Agriculture College Project

#### Purpose of Project:

To assist the Government of Nepal in creating a College of Agriculture capable of producing qualified professional people.

#### Plans for FY 1973 and FY 1974:

During the first quarter of FY 1973, the AID-funded Agriculture Education Planning Survey will get underway. This study will determine the nature of future USAID inputs for the College of Agriculture in Nepal.

Specifically this study will:

- a. develop pre-feasibility guidelines for an agriculture institution at the higher education level, and identify groups of variables and relationships relevant to institutional change;
- b. based on the above, complete a pre-feasibility study;

c. develop a logical and orderly plan for developing an agricultural institution in Nepal, including the probable foreign assistance that would be required; and

d. submit a report containing this information to the Government of Nepal, the USAID, and to AID/W.

TABLE VI

Country: Nepal

NEW RESOURCE COMMITMENTS BY AREA OF CONCENTRATION  
(Grant Obligations/Loan Authorizations/Title II Shipments)  
(\$thousands)

Area of concentration: Education

	<u>FY 1972</u>	<u>FY 1973</u>	<u>FY 1974</u>
1. <u>AID administered resources-Total</u>	<u>733</u>	<u>567</u>	<u>447</u>
<u>Development Loans</u>	None		
<u>Grant Projects</u>			
1. Teacher & Technical Education(367-11-610-060)	341 a/	-	-
2. Agriculture Education Planning(367-11-110-217)	73 b/	-	-
3. College of Agriculture (367-11-110-102)	-	198	58
4. Vocational Ag. Education (367-11-620-103)	-	206	106
5. Teacher & Materials Utilization and Development (367-11-690-228)	300	163	283
6. Multipurpose Education (367-11-650-206.2)	19 c/	-	-
<u>PL 480 Title II Shipments</u>	None		
<u>Housing Guaranties</u>	None		
<u>Type B and Project Type Tech Support d/</u>	(60)	(145)	(161)
2. <u>LDC inputs (dollar equivalents)-Total</u>	<u>6,896</u>	<u>9,758</u>	<u>e/</u>
<u>Directly to AID</u>	-	-	
<u>Other related inputs</u>	6,896	9,758	
3. <u>Other donor assistance (\$ thousands equiv.) f/</u>	<u>1,299</u>	Not available	
<u>Bilateral</u>			
<u>Loans</u>	-		
<u>Grants</u>	578		
<u>Multilateral</u>			
<u>Loans</u>	-		
<u>Grants</u>	721		

Footnotes:

a/ Includes \$147,000 equivalent local currency contribution.

b/ Includes \$15,000 equivalent local currency contribution.

c/ Dollar equivalent of local currency obligation.

(Continued)

d/ Includes one direct hire educator and related personnel costs, education local staff, and a prorated portion of common-use tech support costs.

e/ Meaningful figures not available.

f/ Figures represent expenditures and are believed substantially complete and accurate, but have not been verified through HMG and should therefore be treated as preliminary. Some distortion may be present due to differences in donor reporting practices future year obligation data is not generally available, but levels are expected to gradually increase.

g/ Does not include possible disbursements against \$240,000 school construction loan.

Note: The USAID program in Nepal uses excess US owned Indian rupees. Since these were generated by PL 480 programs in India (not Nepal) we consider the local currency generation used in Nepal as US inputs.

**PROJECT BUDGET TABLE**  
(\$ thousands)

**SUMMARY**

**TABLE VII**

Country or Subregions: Nepal

Appropriation: TA

Financing Dates

Project title: Teacher & Technical Education

Begin	End
FY 54	FY 72
FY 54	FY 74

Project number: 367-11-610-060

Obligations:

Expenditures:

	Technicians				* Participants		Comods.	Other Costs	Total
	U.S.		Local/TCN						
	\$	MM		MM					
<u>FY 1972 Pipeline- Total</u>	49	41	-	-	87	120	5	-	141**
Direct	-	-	-	-	82	115	3	-	85
PASA									
Contract	49	41	-	-	5	5	2	-	56
<u>FY 1973 Oblig. - Total</u>	-	-	-	-	-	-	-	-	-
Direct									
PASA									
Contract									
<u>FY 1973 Expend. - Total</u>	49	41	-	-	67	107	5	-	121
Direct	-	-	-	-	62	102	3	-	65
PASA									
Contract	49	41	-	-	5	5	2	-	56
<u>6/30/73 Pipeline- Total</u>	-	-	-	-	20	13	-	-	20
Direct	-	-	-	-	20	13	-	-	20
PASA									
Contract									
<u>FY 1974 Oblig. - Total</u>	-	-	-	-	-	-	-	-	-
Direct									
PASA									
Contract									
<u>FY 1974 Expend. - Total</u>	-	-	-	-	20	13	-	-	20
Direct	-	-	-	-	20	13	-	-	20
PASA									
Contract									
<u>All Subseq. Obs.- Total</u>									
Direct									
PASA									
Contract									

\*All participant costs include travel

	Number of US Technicians		Number of Participants		
	Long Term	Short Term	LT New	LT Contg	Short Term
FY 1973 Obs.					
FY 1974 Obs.					

Contract Funding Dates	FY 1972		FY 1973		FY 1974	
	From:	To:	From:	To:	From:	To:
	(no./year)		(no./year)		(no./year)	

\*\*Represents residual activities of several direct and contract activities under now terminated project.

Contractors: Southern Illinois University (term.8/72); National Education Association (Teach Corps Volunteers Program, term.9/72); TDY Printing/Publications Consultant (term.10/72).



PROJECT SUBJECT TABLE  
(\$ thousands)

TABLE VII

Country ~~and Subregion~~ Nepal Appropriation: TA

Project title: Teacher & Technical Education

Project number: 367-11-610-060

Obligations:

Expenditures:

Financing Dates	
Begin	End
FY 54	FY 72
FY 54	FY 74

	Technicians			Participants*		Commod.	Other Costs	Total
	U.S.		Local/TCN	Participants				
	\$	MM		\$	MM			
<u>FY 1972 Pipeline</u> - Total	18	1	-	5	5	2	-	25
Direct								
PASA								
Contract	18	1	-	5	5	2	-	25
<u>FY 1973 Oblig.</u> - Total	-	-	-	-	-	-	-	-
Direct								
PASA								
Contract								
<u>FY 1973 Spend.</u> - Total	18	1	-	5	5	2	-	25
Direct								
PASA								
Contract	18	1	-	5	5	2	-	25
<u>6/30/73 Pipeline</u> - Total								
Direct								
PASA								
Contract								
<u>FY 1974 Oblig.</u> - Total								
Direct								
PASA								
Contract								
<u>FY 1974 Spend.</u> - Total								
Direct								
PASA								
Contract								
<u>All Subseq. Obs.</u> - Total								
Direct								
PASA								
Contract								

\*All participant costs include travel

	Number of US Technicians		Number of Participants		
	Long Term	Short Term	LT New	LT Conts	Short Term
FY 1973 Obs.					
FY 1974 Obs.					

Contract Funding Dates	FY 1972	FY 1973	FY 1974
	From: To: (no./year)	From: To: (no./year)	From: To: (no./year)
	From: 8/72 To: (no./year)	From: To: (no./year)	From: To: (no./year)

Contractor: Southern Illinois University

PROJECT PERSONNEL AND PARTICIPANTS  
(thousands of U.S. dollars)  
SIU Contract

Project No.: 367-11-610-060

Project title: Teacher & Technical Education

Country: Nepal

Est. FY 73  
O-B  
6/30 MMS Expend.

Actual FY 72  
O-B  
6/30 MMS Expend.

Funding  
Source

PERSONNEL & PARTICIPANTS

I. Personnel

A. U.S. Personnel - Total

3. Contract

a. Primary Ed. Advisor (SIU)  
and contract residual

TA

18

1

100

12

-

-

**PROJECT SUMMARY Table**  
(\$ thousands)

**TABLE VII**

Country of operations: Nepal Appropriation: T4  
Project title: Teacher & Technical Education

Financing Dates	
Begin	End
FY 54	FY 72
FY 54	FY 74

Project number: 367-11-610-060

Obligations:

Expenditures:

	Technicians		Participants		Commod.	Other Costs	Total
	U.S.	Local/TCN					
	\$ MM	MM	\$ MM	MM	\$	\$	\$
<b>FY 1974 Pipelng- Total</b>	23	34	-	-	-	-	23
Direct							
PASA							
Contract	23	34	-	-	-	-	23
<b>FY 1973 Obligs. - Total</b>	-	-	-	-	-	-	-
Direct							
PASA							
Contract							
<b>FY 1973 Reunds. - Total</b>	23	34	-	-	-	-	23
Direct							
PASA							
Contract	23	34	-	-	-	-	23
<b>6/30/73 Pipelng- Total</b>							
Direct							
PASA							
Contract							
<b>FY 1974 Obligs. - Total</b>							
Direct							
PASA							
Contract							
<b>FY 1974 Reunds. - Total</b>							
Direct							
PASA							
Contract							
<b>All Subseq. Obs. - Total</b>							
Direct							
PASA							
Contract							

	Number of US Technicians		Number of Participants		
	Long Term	Short Term	LT Num	LT Costs	Short Term
FY 1973 Obs.					
FY 1974 Obs.					

Contract Funding Dates	FY 1972		FY 1973		FY 1974	
	From	To	From	To	From	To
		9/72				
	(no./year)		(no./year)		(no./year)	

Contractor: National Education Association  
(Teach Corps Volunteers Program)

PROJECT PERSONNEL AND PARTICIPANTS  
(thousands of U.S. dollars)  
NEA Teach Corps

Project No.: 367-11-610-060

Project title: Teacher & Technical Education

Country: Nepal

	<u>Actual FY 72</u>	<u>Est. FY 73</u>
<u>Funding</u>	<u>O-B</u>	<u>O-B</u>
<u>Source</u>	<u>6/30</u>	<u>6/30</u>
	<u>M\$</u>	<u>M\$</u>
	<u>Expend.</u>	<u>Expend.</u>

PERSONNEL & PARTICIPANTS

I. Personnel

A. U.S. Personnel - Total

3. Contract

TA

a. NEA Teach Corps (Summer '72)

b. NEA Teach Corps (Summer '73)

-	38	6	-	-
X	1	2	-	34
			23	

PROJECT SUBJECT TABLE  
(\$ thousands)

TABLE VII

Country and classification: Nepal

Appropriation: TA

Financing Dates

Project title: Teacher & Technical Education

Begin	End
FY 54	FY 72
FY 54	FY 74

Project number: 367-11-61-060

Obligations:

Expenditures:

	Technicians		Participants		Commod.	Other Costs	Total
	U.S.	Local/TCM					
	\$ MM	MM	\$ MM	MM			
<u>FY 1972 Pipelining - Total</u>	8	6	-	-	-	-	8
Direct							
PASA							
Contract							
<u>FY 1973 Oblig. - Total</u>	8	6	-	-	-	-	8
Direct							
PASA							
Contract							
<u>FY 1973 expend. - Total</u>	8	6	-	-	-	-	8
Direct							
PASA							
Contract							
<u>6/30/73 Pipelining - Total</u>	8	6	-	-	-	-	8
Direct							
PASA							
Contract							
<u>FY 1974 Oblig. - Total</u>							
Direct							
PASA							
Contract							
<u>FY 1974 expend. - Total</u>							
Direct							
PASA							
Contract							
<u>All Subseq. Obs. - Total</u>							
Direct							
PASA							
Contract							

	Number of US Technicians		Number of Participants		
	Long Term	Short Term	LT New	LT Contg	Short Term
FY 1973 Obs.					
FY 1974 Obs.					

Contract Funding Dates	FY 1972	FY 1973	FY 1974
	From:	From:	From:
	To: 10/72 (no./year)	To: _____ (no./year)	To: _____ (no./year)

Contractor: JEMO Consultant

PROJECT PERSONNEL AND PARTICIPANTS  
(thousands of U.S. dollars)  
JEMO Consultant

Project No.: 367-11-610-060

Project title: Teacher & Technical Education

Country: Nepal

Funding Source	Actual FY 72		Est. FY 73	
	O-B 6/30	MMS Expend.	O-B 6/30	MMS Expend.

PERSONNEL & PARTICIPANTS

I. Personnel

- A. U.S. Personnel - Total
- 3. Contract
  - a. JEMO Consultant

TA

X	1	4	-	6	8
---	---	---	---	---	---

PROJECT PERSONNEL AND PARTICIPANTS  
(thousands of U.S. dollars)  
Secondary Ag. Ed. Specialist

Country: Nepal

Project No.: 367-11-610-060

Project title: Teacher & Technical Education

Funding Source	Actual FY 72		Est. FY 73	
	O-B 6/30	MMS Expend.	O-B 6/30	MMS Expend.

PERSONNEL & PARTICIPANTS

I. Personnel

A. U.S. Personnel - Total

3. Contract

a. Secondary Ag. Ed. Specialist

TA	X	3	10	-	-
----	---	---	----	---	---

PROJECT BUDGET TABLE  
(\$ thousands)

## SUMMARY

## TABLE VII

Country or Subregion: Nepal

Appropriation: TA

Financing Dates

Project title: First Stage: Agriculture Education Planning  
Second Stage: College of Agriculture (Proposed)Project number: First Stage (FY 72 Contract):  
367-11-110-217

Obligations:

Second Stage (FY 73 Contract):  
367-11-110-102

Expenditures:

Begin	End
FY 72	Open
FY 73	Open

	Technicians		* Participants		Commods.	Other Costs	Total	
	U.S.	Local/TCN						
	\$	MM	\$	MM				
<b>FY 1972 Pipeline- Total</b>	58	20	-	-	-	-	58	
Direct								
PASA								
Contract	58	20	-	-	-	-	58	
<b>FY 1973 Oblig. - Total</b>	188	57	-	-	3	7	198	
Direct	8	3	-	-	1	7	16	
PASA								
Contract	180	54	1/	-	2	-	182	
<b>FY 1973 Expend. - Total</b>	86	26	-	-	1	2	89	
Direct	8	3	-	-	1	2	11	
PASA								
Contract	78	23	-	-	-	-	78	
<b>6/30/73 Pipeline- Total</b>	160	51	-	-	2	5	167	
Direct	-	-	-	-	-	5	5	
PASA								
Contract	160	51	-	-	2	-	162	
<b>FY 1974 Oblig. - Total</b>	30	9	-	24	32	2	58	
Direct	-	-	-	-	-	2	2	
PASA								
Contract	30	9	2/	24	32	2	56	
<b>FY 1974 Expend. - Total</b>	120	36	-	4	8	7	133	
Direct	-	-	-	-	-	7	7	
PASA								
Contract	120	36	-	4	8	2	126	
<b>All Subseq. Obs. - Total</b>								
Direct								
PASA								
Contract								
			NOT KNOWN - PENDING MUCIA STUDY					

\*All participant costs include travel

	Number of US Technicians		Number of Participants		
	Long Term	Short Term	LT New	LT Contg	Short Term
	3	2	2	-	4
FY 1973 Obs.	3	2	-	-	-
FY 1974 Obs.	3	-	2	-	4

Contract Funding Dates	FY 1972	FY 1973	FY 1974
	From: 2/1/72	From: June 73	From:
To: 9/30/72	To: Dec. 74	To:	
(mo./year)	(mo./year)	(mo./year)	

Contractor: MUCIA for first stage (FY 72 Contract). Second stage (FY 73 Contract)  
to be determined - could be MUCIA.

Footnotes: See next page.

Footnotes:

- 1/ Represents 18 months funding for stage 2 Contract.
- 2/ Represents funding to carry project to March 1975.
- 3/ Of the total shown, third country accounts for 4  
5-7, 8 mm, and \$4,000.



**PROJECT BUDGET TABLE**  
(\$ thousands)

**TABLE VII**

Country or Subregion: Nepal

Appropriation: EA

Financing Dates

Project title: Agriculture Education Planning

Begin	End
FY 72	FY 72
FY 72	FY 73

Project number: 367-11-110-217

Obligations:

Expenditures:

	Technicians			Participants		Commods.	Other Costs	Total
	U.S.	Local/TCN		\$	MM	\$	\$	\$
	\$	MM	MM					
<u>FY 1972 Pipeline- Total</u>	58	20	-	-		-	-	58
Direct								
PASA								
Contract	58	20	-	-		-	-	58
<u>FY 1973 Oblig. - Total</u>	-	-	-	-		-	-	-
Direct								
PASA								
Contract								
<u>FY 1973 Expend. - Total</u>	58	20	-	-		-	-	58
Direct								
PASA								
Contract	58	20	-	-		-	-	58
<u>6/30/73 Pipeline- Total</u>								
Direct								
PASA								
Contract								
<u>FY 1974 Oblig. - Total</u>								
Direct								
PASA								
Contract								
<u>FY 1974 Expend. - Total</u>								
Direct								
PASA								
Contract								
<u>All Subseq. Obs.- Total</u>								
Direct								
PASA								
Contract								

	Number of US Technicians		Number of Participants		
	Long Term	Short Term	LT New	LT Contg	Short Term
<u>FY 1973 Obs.</u>					
<u>FY 1974 Obs.</u>					

Contract Funding Dates	FY 1972	FY 1973	FY 1974
	From: 2/1/72	From:	From:
To: 9/30/72	To:	To:	
(no./year)	(no./year)	(no./year)	

Contractor : MUCIA

PROJECT PERSONNEL AND PARTICIPANTS  
(thousands of U.S. dollars)  
MUCIA Planning Team

Project No.: 367-11-110-217

Project title: Agriculture Education Planning

Country: Nepal

Funding Source	Actual FY 72		Est. FY 73	
	0-B	MMS	0-B	MMS
	6/30	Expend.	6/30	Expend.

PERSONNEL & PARTICIPANTS

I. Personnel

A. U.S. Personnel - Total

3. Contract

a. MUCIA Planning Team

TA

20 58

**PROJECT BUDGET TABLE**  
(\$ thousands)

Country ~~and Subregion~~: Nepal  
Project title: College of Agriculture

Appropriation: TA

Financing Dates

Project number: 367-11-110-102 (Proposed)

Obligations:

Expenditures:

Begin	End
FY 73	Open
FY 73	Open

	Technicians			* Participants		Commods.	Other Costs	Total
	U.S.	Local/TCN		\$	MM			
	\$	MM	MM			\$	MM	\$
<b>FY 1972 Pipeline- Total</b>	-	-	-	-	-	-	-	-
Direct								
PASA								
Contract								
<b>FY 1973 Oblig. - Total</b>	180	54	1/-	-	-	2	-	182
Direct								
PASA								
Contract	180	54	-	-	-	2	-	182
<b>FY 1973 Expend. - Total</b>	20	3	-	-	-	-	-	20
Direct								
PASA								
Contract	20	3	-	-	-	-	-	20
<b>6/30/73 Pipeline- Total</b>	160	51	-	-	-	2	-	162
Direct								
PASA								
Contract	160	51	-	-	-	2	-	162
<b>FY 1974 Oblig. - Total</b>	30	9	2/-	24	32	2	-	56
Direct								
PASA								
Contract	30	9	-	24	32	2	-	56
<b>FY 1974 Expend. - Total</b>	120	36	-	4	8	2	-	126
Direct								
PASA								
Contract	120	36	-	4	8	2	-	126
<b>All Subseq. Obs. - Total</b>								
Direct								
PASA								
Contract								
				NOT KNOWN - PENDING MUCIA STUDY				

\*All participant costs include travel

	Number of US Technicians		Number of Participants		
	Long Term	Short Term	LT New	LT Contg	Short Term
	3	-	2	-	4
FY 1973 Obs.	3	-	-	-	-
FY 1974 Obs.	3/3	-	2	-	4

Contract Funding Dates	FY 1972	FY 1973	FY 1974
	From:	From: June 73	From:
To:	To: Dec. 74	To:	
	(mo./year)	(mo./year)	(mo./year)

Contractor: To be determined.

Footnotes: See next page.

Footnotes:

1/ Represents 18 months funding.

2/ Represents funding to carry project to March 1975.

3/ Of the total shown, third country accounts for 4  
S-T, 8 mm, and \$4,000.

TABLE VII

PROJECT PERSONNEL AND PARTICIPANTS  
(thousands of U.S. dollars)  
AG. College Team

Project No.: 367-11-110-102

Project title: College of Agriculture (Proposed)

Country: Nepal

	Actual FY 72	Est. FY 73	Projected FY 74	Projected FY 75
Funding	O-B	O-B	O-R	O-B
Source	6/30 MMs Expend.	6/30 MMs Expend.	6/30 MMs Expend.	6/30 MMs Expend.

PERSONNEL & PARTICIPANTS

I. Personnel

A. U.S. Personnel - Total

3. Contract

a. Ag. College Team  
(overhead for FY 73)

b. Ag. College Advisor

c. Ag. College Advisor

d. Ag. College Advisor

		3	20	-	-	-	-	-	-
				X 12	40		X 12	40	40
				X 12	40		X 12	40	40
				X 12	40		X 12	40	40

**PROJECT BUDGET TABLE**  
(\$ thousands)

TABLE VII

Country and Subregion: NepalAppropriation: TA

Financing Dates

Project title: Vocational Agriculture EducationProject number: 367-11-620-103 (Proposed)

Obligations:

Expenditures:

Begin	End
FY 73	FY 76
FY 73	FY 77

	Technicians		* Participants		Commod.	Other Costs	Total
	U.S.	Local/TCN					
	\$	MM	\$	MM	\$	\$	\$
<b>FY 1972 Pipline- Total</b>	-	-	-	-	-	-	-
Direct							
PASA							
Contract							
<b>FY 1973 Oblig. - Total</b>	180	54	20	24	-	6	206
Direct	-	-	20	24	-	6	26
PASA							
Contract	180	54	-	-	-	-	180
<b>FY 1973 Expend. - Total</b>	60	18	-	-	-	6	66
Direct	-	-	-	-	-	6	6
PASA							
Contract	60	18	-	-	-	-	60
<b>6/30/73 Pipline- Total</b>	120	36	20	24	-	-	140
Direct	-	-	20	24	-	-	20
PASA							
Contract	120	36	-	-	-	-	120
<b>FY 1974 Oblig. - Total</b>	70	21	30	32	-	6	106
Direct	-	-	30	32	-	6	36
PASA							
Contract	70	21	-	-	-	-	70
<b>FY 1974 Expend. - Total</b>	120	36	28	30	-	6	152
Direct	-	-	28	30	-	6	34
PASA							
Contract	120	36	-	-	-	-	120
<b>All Subseq. Obs. - Total</b>	70	21	-	-	-	-	-
Direct							
PASA							
Contract	70	21	-	-	-	-	-

\*All participant costs include travel

	Number of US Technicians		Number of Participants		
	Long Term	Short Term	LT New	LT Contg	Short Term
	3	-	4	-	5
<b>FY 1973 Obs.</b>	3	-	2	-	-
<b>FY 1974 Obs.</b>	3	-	2	-	5

Contract Funding Dates	FY 1972	FY 1973	FY 1974
	From: _____ To: _____ (no./year)	From: Jan. 73 To: June 74 (no./year)	From: _____ To: _____ (no./year)

1/Represents 18 months funding.

Contractor: To be determined

2/Represents funding to carry contract to March, 1975.

3/Of the total shown, third country accounts for 5 S-T, 10 mm, and \$13,800.



PROJECT BUDGET TABLE SUMMARY  
(\$ thousands)

TABLE VII

Country ~~REPUBLIC OF~~ Nepal

Appropriation: TA

Financing Dates

Project title: Teachers & Material Utilization  
and Development

Project number: 367-11-690-228

Obligations:

Expenditures:

Begin	End
FY 72	FY 77
FY 73	FY 78

	Technicians				Participants*		Commods.	Other Costs	Total
	U.S.		Local/TCN		\$	MM			
	\$	MM		MM					
<b>FY 1972 Pipeline- Total 3/</b>	300	90	-	-	-	-	-	300	
Direct									
PASA									
Contract	300	90	-	-	-	-	-	300	
<b>FY 1973 Oblig. - Total</b>	72	24	-	58	72	1	32	163	
Direct	41	13	-	58	72	1	32	132	
PASA									
Contract	31	11	-	-	-	-	-	31	
<b>FY 1973 Expend. - Total</b>	217	69	-	9	12	1	32	259	
Direct	41	13	-	9	12	1	32	83	
PASA									
Contract	176	56	-	-	-	-	-	176	
<b>6/30/73 Pipeline- Total</b>	155	45	-	49	60	-	-	204	
Direct	-	-	-	49	60	-	-	49	
PASA									
Contract	155	45	-	-	-	-	-	155	
<b>FY 1974 Oblig. - Total</b>	200	60	-	49	66	2	32	283	
Direct	-	-	-	49	66	2	32	83	
PASA									
Contract	200	60	-	-	-	-	-	200	
<b>FY 1974 Expend. - Total</b>	200	60	-	58	68	2	32	292	
Direct	-	-	-	58	68	2	32	92	
PASA									
Contract	200	60	-	-	-	-	-	200	
<b>All Subseq. Obs. - Total</b>	480	145	-	-	-	7	-	487	
Direct	-	-	-	-	-	7	-	7	
PASA									
Contract	480	145	-	-	-	-	-	480	

\*All participant costs include travel  
3/Obligated June 1972

	Number of US Technicians		Number of Participants		
	Long Term	Short Term	LT New	LT Contg	Short Term
	6	2	7	4	6
<b>FY 1973 Obs.</b>	6	2	5	2 1/	-
<b>FY 1974 Obs.</b>	5	-	2	2	6 2/

Contract Funding Dates (See individual table)	FY 1972	FY 1973	FY 1974
	From:	From:	From:
	To:	To:	To:
	(mo./year)	(mo./year)	(mo./year)

Contractors: A) National Education Association

B) Peter Gross (Pers. Svcs. Contract)

1/ Includes 2 extensions for participants originally funded under Project 060.

2/ Of the total shown, 3rd country training accounts for 6 S-T, 18 mm, and \$13,800.

TABLE VIII

PROJECT PERSONNEL AND PARTICIPANTS  
(thousands of U.S. dollars)

Project No.: 367-11-690-228

Project title: Teacher & Materials Utilization & Development Country: Nepal

PERSONNEL & PARTICIPANTS

Funding Source	Actual FY 72		Est. FY 73		Projected FY 74		Projected FY 75	
	O-B	6/30 MMs Expend.	O-B	6/30 MMs Expend.	O-B	6/30 MMs Expend.	O-B	6/30 MMs Expend.

I. Personnel TA

A. U.S. Personnel - Total	-	-	-	5	69	217	5	60	200	5	60	200
1. Direct - Sub-Total	-	-	-	-	13	41	-	-	-	-	-	-
(a) Education Advisor	-	-	-	-	12	37	-	-	-	-	-	-
(b) AID/W TDY for Sector Review	-	-	-	-	1	4	-	-	-	-	-	-
2. PASA - Sub-Total	-	-	-	-	-	-	-	-	-	-	-	-
3. Contract - Sub-Total	-	-	-	5	56	176	5	60	200	5	60	200

See attached individual contract tables

B. Local & TCN - Total

II. Participants - Total	-	-	-	-	-	-	-	-	-	-	-	-
Long-Term - Sub-Total	-	-	-	-	12	9	5	68	58	4	50	38
1. New	-	-	-	-	12	9	5	50	44	4	50	38
2. Continuing	-	-	-	-	-	-	5	50	44	2	20	18
Short-Term - Sub Total	-	-	-	-	12	9	-	-	-	2	30	20
	-	-	-	-	-	-	-	18*	14*	-	-	-

\*All this training will be conducted in third countries.

**PROJECT BUDGET TABLE**  
(\$ thousands)

**TABLE VII**

**Country:** ~~XXXXXXXXXX~~ Nepal  
**Appropriation:** TA  
**Project title:** Teacher and Materials Utilization and Development  
**Project number:** 367-11-690-228

Financing Dates	
Begin	End
FY 72	FY 77
FY 73	FY 78

Obligations:  
Expenditures:

	Technicians				Participants		Commods.	Other Costs	Total		
	U.S.	Local/TCN			\$	MM				\$	\$
	\$	MM		MM							
<b>FY 1972 Pipeline- Total 5/</b>	300	90	1/	-	-	-	-	-	300		
Direct											
PASA											
Contract	300	90	-	-	-	-	-	-	300		
<b>FY 1973 Oblig. - Total</b>	202	5	-	-	-	-	-	-	20		
Direct											
PASA											
Contract	202	5	-	-	-	-	-	-	20		
<b>FY 1973 Expend. - Total</b>	165	50	-	-	-	-	-	-	165		
Direct											
PASA											
Contract	165	50	-	-	-	-	-	-	165		
<b>6/30/73 Pipeline- Total</b>	155	45	-	-	-	-	-	-	155		
Direct											
PASA											
Contract	155	45	-	-	-	-	-	-	155		
<b>FY 1974 Oblig. - Total</b>	200	60	3/	-	-	-	-	-	200		
Direct											
PASA											
Contract	200	60	-	-	-	-	-	-	200		
<b>FY 1974 Expend. - Total</b>	200	60	-	-	-	-	-	-	200		
Direct											
PASA											
Contract	200	60	-	-	-	-	-	-	200		
<b>All Subseq. Obs.- Total</b>	480	145	4/	-	-	-	-	-	480		
Direct											
PASA											
Contract	480	145	-	-	-	-	-	-	480		

	Number of US Technicians		Number of Participants		
	Long Term	Short Term	LT New	LT Contg	Short Term
	5	-	-	-	-
<b>FY 1973 Obs.</b>	5	-	-	-	-
<b>FY 1974 Obs.</b>	5	-	-	-	-

Contract Funding Dates	FY 1972	FY 1973	FY 1974
	From: 6/72	From:	From:
To: 2/74	To:	To:	
(mo./year)	(mo./year)	(mo./year)	

- 1/ Represents 18 months funding.
- 2/ One additional month to carry contract to March 1974.
- 3/ Represents 12 months funding.
- Contractor National Education Association
- 4/ Represents 29 months funding.
- 5/ Obligated June 1972.

TABLE VIII

**PROJECT PERSONNEL AND PARTICIPANTS**  
(thousands of U.S. dollars)  
(NEA Contract)

Project No.: 367-11-690-228

Project title: Teacher & Materials Utilization & Dev.

Country: Nepal

Funding Source	Actual FY 72		Est. FY 73		Projected FY 74		Projected FY 75	
	O-B	6/30 MMs Expend.	O-B	6/30 MMs Expend.	O-B	6/30 MMs Expend.	O-B	6/30 MMs Expend.

PERSONNEL & PARTICIPANTS

I. Personnel

A. U.S. Personnel - Total

3. Contract TA

a. Math. Ed. Specialist	-	-	x	10	35	x	12	43	x	12	43
b. Math. Ed. Specialist	-	-	x	10	30	x	12	35	x	12	35
c. Science Ed. Specialist	-	-	x	10	35	x	12	43	x	12	43
d. Science Ed. Specialist	-	-	x	10	30	x	12	35	x	12	35
e. Teacher Ed. Specialist	-	-	x	10	35	x	12	44	x	12	44

**PROJECT BUDGET TABLE**  
(\$ thousands)

**TABLE VII**

**Country or SUBSECTION:** Nepal      **Appropriation:** TA  
**Project title:** Teacher and Materials Utilization  
and Development  
**Project number:** 367-11-690-228

<b>Financing Dates</b>	
<u>Begin</u>	<u>End</u>
FY 73	FY 73
FY 73	FY 73

**Obligations:**  
**Expenditures:**

	<b>Technicians</b>		<b>Participants</b>		<b>Commods.</b>	<b>Other Costs</b>	<b>Total</b>
	<b>U.S.</b>	<b>Local/TCN</b>					
	<b>\$</b>	<b>MM</b>	<b>\$</b>	<b>MM</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>
<b>FY 1972 Pipeline- Total</b>	-	-	-	-	-	-	-
Direct							
PASA							
Contract							
<b>FY 1973 Oblig. - Total</b>	11	6	-	-	-	-	11
Direct							
PASA							
Contract	11	6	-	-	-	-	11
<b>FY 1973 Expend. - Total</b>	11	6	-	-	-	-	11
Direct							
PASA							
Contract	11	6	-	-	-	-	11
<b>6/30/73 Pipeline- Total</b>							
Direct							
PASA							
Contract							
<b>FY 1974 Oblig. - Total</b>							
Direct							
PASA							
Contract							
<b>FY 1974 Expend. - Total</b>							
Direct							
PASA							
Contract							
<b>All Subseq. Obs.- Total</b>							
Direct							
PASA							
Contract							

	<b>Number of US Technicians</b>		<b>Number of Participants</b>		
	<b>Long Term</b>	<b>Short Term</b>	<b>LT New</b>	<b>LT Contg</b>	<b>Short Term</b>
<b>FY 1973 Obs.</b>	1	-	-	-	-
<b>FY 1974 Obs.</b>					

<b>Contract Funding Dates</b>	<b>FY 1972</b>	<b>FY 1973</b>	<b>FY 1974</b>
	<b>From:</b>		From: 9/73
<b>To:</b>		To: 3/74	To:
	(mo./year)	(mo./year)	(mo./year)

**Contractor** Peter Cross - Personal Services Contract

TABLE VIII

PROJECT PERSONNEL AND PARTICIPANTS  
(thousands of U.S. dollars)  
Science Advisor - PSC

Project title: Teacher & Materials Utilization & Dev.

Country: Nopal

Project No.: 367-11-690-228

Funding Source	Actual FY 72 0-6/30 Mths Expend.	Est. FY 73 0-6/30 Mths Expend.
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PERSONNEL & PARTICIPANTS

I. Personnel

A. U.S. Personnel - Total

3. Contract

a. Science Advisor (PSC)

TA

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- B. 4. The inability of the HMG institutions to permit the efficient implementation of policy decision and government programs (See p. 3 and p. 12 of the FY 1974 DAP.)

This problem area cuts across all the development efforts of Nepal. It is reflected in archaic procedures, poor fiscal and personnel systems, inadequate planning and the inability to establish rational priorities in the light of resource availabilities. Development projects can not be efficiently selected or implemented.

For FY 73 and FY 74, we plan to follow HMG priorities in this problem area, as reflected by their ability to provide funds, willingness to follow through on implementing improvements through O&M work, and improvements in existing personnel systems. We also plan to initiate projects for consulting services to fill some of the gaps in planning and project development and implementation, and development administration training. Individual project descriptions follow.

Other donor activity includes help in overall planning and research efforts by the Ford Foundation and assistance to the Rastra Bank by the IMF.

Type B costs are described in Table VI.

a. Management Improvement and Training Project

Purpose of Project:

To improve the overall effectiveness of administration within HMG in order to facilitate the achievement of Nepal's development objectives.

Activity to Date:

The primary emphasis during the past two years has been on building an O&M capability in HMG. In spite of staffing problems, considerable progress has been made. The O&M Section of the Administrative Management Dept. (AMD) completed surveys and submitted final reports on the following:

Tourism Department, Mint Department, Accountant General's Office, Commerce Department, Hospitality Department, Mines Department, Geological Survey Department, and Messenger Service in Kathmandu Valley.

The Section also finalized and implemented the Internal Administration Manual, which covers administrative functions common to all ministries and departments, such as personnel transactions, budgeting, accounting, procurement, and general office practices. The Manual is now in use in all Ministries and Departments.

In addition, the Section has taken a number of steps to increase its effectiveness, including developing a study plan format, a report format, a procedure for conducting and implementing studies, job descriptions, and a project control system; and has placed increased emphasis on the implementation of study recommendations.

In the personnel field, the public administration advisor analyzed the present personnel system from the standpoint of allocation of responsibility for personnel management among various HMG agencies. In his report he recommended that the Administrative Management Department become a central personnel agency. While final action has not been taken on this recommendation, the report has attracted considerable interest both in the Government of Nepal and in the Palace Secretariat.

This Project terminates with the departure from post of the O&M advisor.

b. Administration and Management Project

Purpose of Project

To improve the overall effectiveness of administration within HMG in order to facilitate the achievement of Nepal's development objectives.

Plans for FY 1973 and FY 1974:

During FY 1973 an attempt will be made to build on the base already established in order to create an effective and sustained O&M capability. The Government has agreed to add seven permanent posts to the Section now and another four a year from now. This should go a long way toward alleviating the staffing problems that have plagued the Section during the past year and a half. The advisor will continue conducting seminars on various aspects of O&M work. In addition, the analysts will learn by actually working on management studies. Two of the more experienced staff members will be sent abroad for three months of intensive training in a specialized aspect of O&M work, such as procedural analysis, work measurement, and management.

While training of staff will be emphasized, it is anticipated that the O&M Section will complete eight major management studies during FY 1973. In addition, the work that has been done in implementing the Internal Administration Manual will be reinforced by further training and follow up visits to the Ministries and Departments.

In personnel, the advisor will assist the Government in adapting and implementing the position classification plan. He will also work with the Secretary of AMD to convert the Department into a true central personnel agency.

By the beginning of FY 1974, the O&M Section is expected to have a staff of 12 analysts permanently posted to the function, plus a Joint Secretary in charge. Staff training will continue to consume a significant amount of time, but the Section will also complete 12 management

surveys during the fiscal year. In addition, a system will be introduced under which as many as four of the more experienced staff will be deputed to work temporarily with key development Ministries. Their assignments will range from a few months to as long as a year, and they will return to the O&M Section on completion of their assignments. Two staff members will be sent to the U. S. for six months of basic O&M training; a third will be sent for three months of specialized O&M training. Improvements will continue to be made in the Internal Administration Manual, and some procedures in it will be revised. Apart from the O&M activity, the advisor will work with the AMD in an effort to assist it in assuming a broader training role with a concern for training activities throughout the Government.

In addition to the in-country training conducted by the advisor for FY 1973, and FY 1974, five members of the O&M staff will be sent abroad for training, two for six months and three for three months. Those sent for six months' training will attend a general management analysis course. In order to be considered for such training, the person will be required first to spend approximately one year working in the O&M Section. The three-month training assignments will be designed to develop specialized knowledge within the staff of certain analytical techniques. This type of training will be quite specific, centering on such aspects of O&M work as procedural analysis, work measurement, paperwork management, and work simplification.

Depending upon the results of a project review to be held in FY 1973, two additional advisors may be added to this project: one Recruitment and Examining advisor (to assist in reforming the Public Service Commission) and one Training advisor.

c. Manpower Development Training ProjectPurpose of Project:

To improve the middle- and upper-level management and administration of Nepal's development institutions by providing training in skills that are of key importance to development and not covered by other USAID/HMG projects.

Planned Activity FY 1973 and FY 1974:

This project was described in the Mission's original PROP, submitted to AID/W in January 1972. It will focus on the general areas of management and development administration. Of perhaps equal importance is the way in which the project will be implemented. It will rely heavily upon a new series of manpower policies recently adopted by His Majesty's Government. The actual training needs met by the project will be determined by HMG (within the defined focus of the project)--i.e., the Human Resources Division of the Planning Commission will define the requirements, the order of priority, and the level of training needed; the Manpower Planning Council, an inter-ministerial body, will review this list and serve as the principal decision-making body; the Education Ministry will determine if the training needs can best be met overseas or in-country; and the Project Selection Committee will work out a detailed program as well as select the participants and training sites.

It is anticipated that training in this project will be in areas such as the following: Economics, Business Management, Sectoral Planning, Public Finance, Revenue Administration, Computer Applications, Statistics for Decision-Making, and Local Administration. The annual funding level will be \$100,000 for both FY 1973 and FY 1974.

d. Consulting Services Grant

As explained in TOAID A-105, the Government of Nepal has some need for assistance in the general area of planning--especially in the areas of project identification, analysis, preparation, and supervision. The Mission proposes a U. S.-financed consulting services block grant which can be used for project or sector analysis and supervision. It is anticipated that some of HMG's regional development-related studies and analyses will be conducted by consultants financed through this grant.

The Mission proposes a grant of \$200,000 for FY 1973--hopefully approved in time to begin studies in October 1972. In FY 1974, the Mission proposes a total of \$160,000 of new obligations, depending on the use made of the funds in 1973.



Note: The USAID program in Nepal uses excess US owned Indian rupees. Since these were generated by PL 480 programs in India (not Nepal) we consider the local currency generation used in Nepal as US inputs.

**PROJECT BUDGET TABLE**  
(\$ thousands)

**TABLE VII**

Country ~~Subregion~~: Nepal

Appropriation: TA

Financing Dates

Project title: Consulting Services Grant

Begin	End
FY 73	Open Ended
FY 73	

Project number: 367-11-755-104 (Proposed)

Obligations:

Expenditures:

	Technicians			Participants		Commods.	Other Costs	Total
	U.S.	Local/TCN		\$	MM			
	\$	MM	MM			\$	MM	\$
<u>FY 1972 Pipeline- Total</u>	-	-	-	-	-	-	-	-
Direct								
PASA								
Contract								
<u>FY 1973 Oblig. - Total</u>	200	40	-	-	-	-	-	200
Direct								
PASA								
Contract	200	40	-	-	-	-	-	200
<u>FY 1973 Expend. - Total</u>	120	24	-	-	-	-	-	120
Direct								
PASA								
Contract	120	24	-	-	-	-	-	120
<u>6/30/73 Pipeline- Total</u>	80	16	-	-	-	-	-	80
Direct								
PASA								
Contract	80	16	-	-	-	-	-	80
<u>FY 1974 Oblig. - Total</u>	160	48	-	-	-	-	-	160
Direct								
PASA								
Contract	160	48	-	-	-	-	-	160
<u>FY 1974 Expend. - Total</u>	240	48	-	-	-	-	-	240
Direct								
PASA								
Contract	240	48	-	-	-	-	-	240
<u>All Subseq. Obs.- Total</u>								
Direct								
PASA								
Contract								
					Open Ended			

	Number of US Technicians		Number of Participants		
	Long Term	Short Term	LT New	LT Contg	Short Term
FY 1973 Obs.					
FY 1974 Obs.					

Contract Funding Dates	FY 1972	FY 1973	FY 1974
	From: To: (mo./year)	From: Oct. 1972 To: (mo./year)	From: To: (mo./year)

Contractor: To be determined

Note: This is a block grant for utilization by HMG for services in planning and project design and implementation. Man months shown are illustrative.

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TABLE VIII

Country: Nepal

PROJECT PERSONNEL AND PARTICIPANTS  
(thousands of U.S. dollars)

Project No.: 367-11-755-104

Project title: Consulting Services Grant

Not Applicable

**PROJECT BUDGET TABLE**  
(\$ thousands)

Country: Nepal      Appropriation: TA  
Project title: Administration & Management  
Project number: 367-11-720-101 (Proposed)

Financing Dates	
Begin	End
FY 73	FY 78
FY 73	FY 79

Obligations:  
Expenditures:

	Technicians			Participants *		Commods.	Other Costs	Total
	U.S.	Local/TCN		\$	MM			
	\$	MM	MM			\$	MM	\$
<b>FY 1972 Pipeline- Total</b>	-	-	-	-	-	-	-	-
Direct								
PASA								
Contract								
<b>FY 1973 Oblig. - Total</b>	230	54	-	23	20	1	2	256
Direct	-	-	-	23	20	1	2	26
PASA								
Contract	230	54	-	-	-	-	-	230
<b>FY 1973 Expend. - Total</b>	66	15	-	21	16	-	2	89
Direct	-	-	-	21	16	-	2	23
PASA								
Contract	66	15	-	-	-	-	-	66
<b>6/30/73 Pipeline- Total</b>	164	39	-	2	4	1	-	167
Direct	-	-	-	2	4	1	-	3
PASA								
Contract	164	39	-	-	-	-	-	164
<b>FY 1974 Oblig. - Total</b>	76	18	-	27	28	-	2	105
Direct	-	-	-	27	28	-	2	29
PASA								
Contract	76	18	-	-	-	-	-	76
<b>FY 1974 Expend. - Total</b>	152	36	-	23	24	1	2	178
Direct	-	-	-	23	24	1	2	26
PASA								
Contract	152	36	-	-	-	-	-	152
<b>All Subseq. Obs. - Total</b>								
Direct								
PASA								
Contract								

	Number of US Technicians		Number of Participants		
	Long Term	Short Term	LT New	LT Contg	Short Term
	3	-	-	-	8
<b>FY 1973 Obs.</b>	3	-	-	-	4
<b>FY 1974 Obs.</b>	3	-	-	-	4

Contract Funding Dates	FY 1972	FY 1973	FY 1974
	From:	From: 10/72	From:
To:	To: 3/74	To:	
	(mo./year)	(mo./year)	(mo./year)

Contractor: Development Resources Corporation

\*All participant costs include travel



**PROJECT BUDGET TABLE**  
(\$ thousands)

TABLE VII

Country and Subregion: Nepal

Appropriation: TA

Financing Dates

Project title: Management Improvement & Trng.

Begin	End
FY 62	FY 72
FY 62	FY 73

Project number: 367-11-720-074

Obligations:

Expenditures:

	Technicians		Participants <sup>a/</sup>		Commode.	Other Costs	Total
	U.S.	Local/TCN					
	\$	MM	\$	MM	\$	\$	\$
<u>FY 1972 Pipeline- Total</u>	27	3	19	8	-	-	46
Direct	-	-	19	8	-	-	19
PASA							
Contract	27	3	-	-	-	-	27
<u>FY 1973 Oblig. - Total</u>	-	-	-	-	-	-	-
Direct							
PASA							
Contract							
<u>FY 1973 Expend. - Total</u>	27	3	19	8	-	-	46
Direct	-	-	19	8	-	-	19
PASA							
Contract	27	3	-	-	-	-	27
<u>6/30/73 Pipeline- Total</u>							
Direct							
PASA							
Contract							
<u>FY 1974 Oblig. - Total</u>							
Direct							
PASA							
Contract							
<u>FY 1974 Expend. - Total</u>							
Direct							
PASA							
Contract							
<u>All Subseq. Obs.- Total</u>							
Direct							
PASA							
Contract							

a/ Of the \$19,000, only \$7,000 (8 mm) represents accrued expenditures.

	Number of US Technicians		Number of Participants		
	Long Term	Short Term	LT New	LT Contg	Short Term
FY 1973 Obs.					
FY 1974 Obs.					

Contract Funding Dates	FY 1972	FY 1973	FY 1974
	From: 7/71 To: 9/72 (mo./year)	From: To: (mo./year)	From: To: (mo./year)

\*All participant costs include travel

Contractor: Development Resources Corporation

PROJECT PERSONNEL AND PARTICIPANTS  
(thousands of U.S. dollars)

Country: Nepal

Project No.: 367-11-720-074

Project title: Management Improvement & Trng.

PERSONNEL & PARTICIPANTS	Funding Source	Actual FY 72			Est. FY 73		
		O-B 6/30	MAs	Expend.	O-B 6/30	MAs	Expend.
<b>I. Personnel</b>							
A. U.S. Personnel - Total							
1. Direct	TA	1	12	52	3	27	
2. PASA		-	-	-	-	-	
3. Contract - Sub-Total		1	12	52	3	27	
a. O & M Advisor a/		x	12	52	3	27	
B. Local & TCN - Total	TF	(1)	(9)	(2)	-	-	
1. Direct Sub-Total		(1)	(9)	(2)	-	-	
Professional Local b/		(1)	(9)	(2)	-	-	
2. PASA - Sub-Total		-	-	-	-	-	
3. Contract - Sub-Total		-	-	-	-	-	
II. Participants - Total	TA	3	36	24	8	79	
Long Term - Sub-Total		-	4	3	2	2	
1. New		-	-	-	-	-	
2. Continuing		1	4	3	2	2	
Short term - Sub-Total		2	32	21	6	5	

a/ Includes 56% overhead - "actual" expenditure which depletes pipeline.

b/ Funded with local currency in FY 72 and non-add to totals.

c/ TA to represent: accrued expenditure - actual expenditure will be \$19,000, as explained in Table 7.

**PROJECT BUDGET TABLE**  
(\$ thousands)

**TABLE VII**

Country ~~xxxx~~ Nepal      Appropriation: TA  
Project title: Manpower Development Training

**Financing Dates**

Project number: 367-11-999-224

Obligations:  
Expenditures:

Begin	End
9/1/72	Open ended
9/1/72	Open ended

	Technicians		* Participants		Commods.	Other Costs	Total
	U.S.	Local/TCN					
	\$	MM	MM	\$	MM	\$	\$
<u>FY 1972 Pipeline- Total</u>	-	-	-	-	-	-	-
Direct							
PASA							
Contract							
<u>FY 1973 Oblig. - Total</u>	-	-	100	150	-	-	100
Direct	-	-	100	150	-	-	100
PASA							
Contract							
<u>FY 1973 Expend. - Total</u>	-	-	24	23	-	-	24
Direct	-	-	24	23	-	-	24
PASA							
Contract							
<u>6/30/73 Pipeline- Total</u>	-	-	76	127	-	-	76
Direct	-	-	76	127	-	-	76
PASA							
Contract							
<u>FY 1974 Oblig. - Total</u>	-	-	100	162	-	-	100
Direct	-	-	100	162	-	-	100
PASA							
Contract							
<u>FY 1974 Expend. - Total</u>	-	-	77	132	-	-	77
Direct	-	-	77	132	-	-	77
PASA							
Contract							
<u>All Subseq. Obs. - Total</u>							
Direct							
PASA							
Contract							

\*All participant costs include travel

	Number of US Technicians		Number of Participants		
	Long Term	Short Term	LT New	LT Contg	Short Term
	-	-	19	5	4
<u>FY 1973 Obs.</u>	-	-	12	-	2
<u>FY 1974 Obs.</u>	-	-	7	5	2

Contract Funding Dates	FY 1972		FY 1973		FY 1974	
	From:	To:	From:	To:	From:	To:
	(mo./year)	(mo./year)	(mo./year)	(mo./year)	(mo./year)	(mo./year)

Contractor \_\_\_\_\_

Footnotes: See next page.

Footnotes:

NOTE: The number of participants and man-months of training will be determined as part of the project activity - i.e., AIG will allocate \$100,000 p.a. according to a yet to be determined training plan. Therefore, these figures are merely estimates of a possible use of \$100,000. It includes 6 L-T to U.S., 6 L-T to third countries and 2 S-T (6 mm) in FY 73 and 3 L-T contg in U.S., 2 L-T contg in third countries, 4 new L-T to U.S., 4 new L-T to third countries, and 2 S-T (6 mm).

PROJECT PERSONNEL AND PARTICIPANTS  
(thousands of U.S. dollars)

TABLE VIII

Country: Nepal

Project No.: 367-11-999-224

Project title: Manpower Development Training

PERSONNEL & PARTICIPANTS	Funding Source	Actual FY 72		Estimate FY 73		Projected FY 74		Projected FY 75	
		O-B	6/30 MMs Expend.	O-B	6/30 MMs Expend.	O-B	6/30 MMs Expend.	O-B	6/30 MMs Expend.
I. Personnel	TA								
II. Participants - Total	TA	-	-	-	23	24	-	132	77
Long term - Sub-Total		-	-	6	18	15	12	126	69
1. New		-	-	6*	18*	15*	6	66	53
2. Continuing		-	-	-	-	-	6*	60*	16*
Short term - Sub-Total		-	-	2	5	9	-	6	8
								11**	138**
								8	84
								3	54
								-	-
								-	-
								-	-

\*All this training in third countries.

\*\*Of the total shown, it is projected that third country training accounts for 4 L-T new, 58 mm, and \$24,000.

B. 5. The inequitable distribution of quality health services (See p. 4 and 12 of the FY 74 DAP)

Health services in Nepal need to be combined in a way that will maintain the quality of individual services and permit the limited HMG resources - financial and human - to be used more efficiently to serve a greater number of people.

USAID activity in FY 73 will involve assistance in integrating health services in two pilot districts. Activity in FY 74, if any, will depend on appraisal efforts undertaken during FY 73.

Other donor activity includes assistance in the eradication or control of specific diseases (WHO); construction and equipping of health facilities (France, India, International Nepal Fellowship, Dooley Foundation, United Mission to Nepal, WHO); and health education work (Dooley Foundation, UNDP, WHO).

Type B costs are described on Table VI.

a. Integration of Health Services Project

Purpose of Project:

To develop an integrated approach to health needs in Nepal. 90% of the Nepalese are without an effective system through which Family Planning, nutrition education or general health services can be delivered. HMG has planned and is now in the process of implementing two pilot projects in Kaski and Bara Districts to test methods of health services integration. The administrative infrastructure for these two projects has evolved largely based on the framework of the administratively mature, effective and highly motivated anti-malaria

organization and is expected to be eventually supportive of Malaria, Family Planning and general health functions.

Activity to Date:

This project is barely off the ground, with the Kaski pilot project having completed 6 months of activity and the Bara only 2 months of activity. A preliminary survey and assessment of the health facilities and personnel of Kaski and Bara Districts has been made, and a plan for action for both districts has been developed. A staffing pattern to effect integration which reflected the pooling of HMG medical, paramedical and auxiliary resources has been developed, and personnel for the two pilots have been trained, including 158 auxiliary health workers, junior auxiliary health workers, and zonal, district and unit supervisors. Job descriptions for all level of workers in the two pilot projects have been developed, and a special training manual has been developed and is being used by project personnel. Proforma have been developed for the compilation of dynamic census data, and data for population contact rates, smallpox scar surveys, priority couple surveys, disease surveillance, defaulters, and action follow up. A six month evaluation of the Kaski pilot project was finished in June, and at that juncture it was determined that the project was on target and the intermediate goals have been successfully accomplished.

Plans for FY 1973 and FY 1974:

Bimonthly advisory field trips to assess the quality and quantity of field work and supervision will continue through FY 1973, and a 6 months evaluation of the Bara project is planned for October 1972. The Kaski pilot project will be

completed in January, 1973 and the Bara pilot project in May of 1973. It is intended that in February an appraisal of the program will be conducted with personnel inputs coming from the Regional Malaria Office and the Center for Disease Control. Three senior officials responsible for the planning and implementation of the integration process will have observed integration experiments both successful and unsuccessful in other countries.

By FY 1974 both pilot studies will have been completed, results will have been evaluated, and plans for utilizing the pilot project experience will be just beginning. To fill the gap in the planning capabilities of the Department of Health, USAID/N proposes extension of the project for an additional year to allow the planning for the integration process to be completed and to aid in the translation of the pilot experiences through its first operational tests. The expansion is tentatively planned to be from the single districts in Gandaki and Narayani Zone, respectively, to 5 districts in each zone.

The specific course of action will be:

1. development of a plan of action for the integration of health services in Narayani and Gandaki Zones.
2. development of a staffing pattern and operational requirements for the zonal integration of Gandaki Zone with a population of 643,541 and Narayani Zone with a population of 2,378,982.
3. modification of job descriptions and training manuals based on the experience of pilot projects.
4. training of Zonal (8), District (50) and Unit (250) officers in the planning and administration of polyvalent preventive health function

- e.g. Family Planning, Smallpox, Malaria, T.B., communicable disease surveillance, collection of vital statistics, (4 training courses).
5. training of Auxiliary Health Workers (50) and Junior Auxiliary Health Workers (750) for polyvalent preventive functions (8-10 courses).
  6. refining observation and reporting forms for field workers.
  7. development of a mechanism for continuous in-service training courses.
  8. development of public health laboratories from the present District malaria laboratories.
  9. development of a system of continuous evaluation.
  10. development of a continuous process of technical supervision and administrative management.
  11. development of decentralized operational responsibilities.

In FY 1974, 10 intermediate level officers responsible for the integration process in Gandaki and Narayani Zones will undertake short term training programs, observing successful and unsuccessful integration efforts in other developing countries.

Country: Nepal

TABLE VI

NEW RESOURCE COMMITMENTS BY AREA OF CONCENTRATION  
(Grant Obligations/Loan Authorizations/Title II Shipments)  
(\$ thousands)

Area of concentration: Health Services

	<u>FY 1972</u>	<u>FY 1973</u>	<u>FY 1974</u>
1. <u>AID administered resources-Total</u>	945	786	393
<u>Development Loans</u>	None		
<u>Grant Projects</u>			
1. Integration of Health Services (367-11-590-227)	-	101	78
2. Malaria Eradication (367-11-511-014)	105 a/	-	-
3. Budget Support	840 b/	685 c/	315 d/
<u>PL 480 Title II Shipments</u>	None		
<u>Housing Guaranties</u>	-	-	-
<u>Type B and Project Type Tech Support e/</u>	(21)	(11)	(11)
2. <u>LDC inputs (dollar equivalents)-Total</u>	2,824	4,284	f/
<u>Directly to AID</u>	611	688	
<u>Other related inputs</u>	2,213	3,596	
3. <u>Other donor assistance (\$ thousands equiv.) g/</u>	1,101	Not available	
<u>Bilateral</u>			
<u>Loans</u>	-		
<u>Grants</u>	209		
<u>Multilateral</u>	-		
<u>Loans</u>	-		
<u>Grants</u>	892		

Footnotes:

- a/ Includes \$32,000 equivalent local currency contribution.
- b/ Dollar equivalent of local currency budget support grant.
- c/ Includes \$115,000 dollar budget support grant for commodity procurement and \$570,000 equivalent local currency grant.
- d/ Includes \$30,000 grant for commodity procurement and \$285,000 equivalent local currency disbursement charged to dollar appropriation.
- e/ Includes health services local staff and prorated portion of common-use tech support costs.

(Continued)

f/ Meaningful figures not available.

g/ Figures represent expenditures and are believed substantially complete and accurate, but have not been verified through HMG and should therefore be treated as preliminary. Some distortion may be present due to differences in donor reporting practices future year obligation data is not generally available, but levels are expected to gradually increase.

Note: The USAID program in Nepal uses excess US owned Indian rupees. Since these were generated by PL 480 programs in India (not Nepal) we consider the local currency generation used in Nepal as US inputs.

PROJECT BUDGET TABLE  
( \$ thousands)

TABLE VII

Country ~~and Subsections~~ Nepal Appropriation: TA

Project title: Integration of Health Services

Financing Dates

Project number: 367-11-590-227

Obligations:

Expenditures:

Begin	End
FY 73	FY 74
FY 73	FY 74

	Technicians		* Participants		Commod.	Other Costs	Total
	U.S.	Local/TCN					
	\$ MM	MM	\$ MM	MM			
<u>FY 1972 Pipeline- Total</u>	-	-	-	-	-	-	-
Direct							
PASA							
Contract							
<u>FY 1973 Oblig. - Total</u>	59	13	15	15	-	27	101
Direct	-	-	15	15	-	27	42
PASA	59	13 <sup>1/</sup>	-	-	-	-	59
Contract							
<u>FY 1973 Expend. - Total</u>	59	13	5	5	-	27	91
Direct	-	-	5	5	-	27	32
PASA	59	13 <sup>1/</sup>	-	-	-	-	59
Contract							
<u>6/30/73 Pipeline- Total</u>	-	-	10	10	-	-	10
Direct	-	-	10	10	-	-	10
PASA							
Contract							
<u>FY 1974 Oblig. - Total</u>	58	13	-	-	-	20	78
Direct	-	-	-	-	-	20	20
PASA	58	13 <sup>1/</sup>	-	-	-	-	58
Contract							
<u>FY 1974 Expend. - Total</u>	58	13	10	10	-	20	88
Direct	-	-	10	10	-	20	30
PASA	58	13 <sup>1/</sup>	-	-	-	-	58
Contract							
<u>All Subseq. Obs.- Total</u>	-	-	-	-	-	-	-
Direct							
PASA							
Contract							

\*All participant costs include travel

	Number of US Technicians		Number of Participants		
	Long Term	Short Term	LT New	LT Contg	Short Term
	1	3	-	-	-
FY 1973 Obs.	1	2 <sup>1/</sup>	-	-	10 <sup>2/</sup>
FY 1974 Obs.	1	1 <sup>1/</sup>	-	-	-

Contract Funding Dates	FY 1972	FY 1973	FY 1974
	From:	From:	From:
To:	To:	To:	
	(no./year)	(no./year)	(no./year)

Contractor -

<sup>1/</sup>Includes 1 m/m short term consultants.<sup>2/</sup>All of this S-T training will be conducted in third countries.



**PROJECT BUDGET TABLE**  
(\$ thousands)

TABLE VII

Country ~~ECOSUBCROSSING~~ Nepal  
Project title: Malaria Eradication

Appropriation: TA

Financing Dates

Project number: 367-11-511-014

Obligations:

Expenditures:

Begin	End
FY 54	FY 72
FY 54	FY 73

	Technicians			# Participants		Commods.	Other Costs	Total
	U.S.	Local/TCN		\$	MM			
	\$	MM	MM			\$	MM	\$
<u>FY 1972 Pipeline- Total</u>	-	-		1	1	-	-	1
Direct	-	-		1	1	-	-	1
PASA								
Contract								
<u>FY 1973 Oblig. - Total</u>	-	-		-	-	-	-	-
Direct								
PASA								
Contract								
<u>FY 1973 Expend. - Total</u>	-	-		1	1	-	-	1
Direct	-	-		1	1	-	-	1
PASA								
Contract								
<u>6/30/73 Pipeline- Total</u>								
Direct								
PASA								
Contract								
<u>FY 1974 Oblig. - Total</u>								
Direct								
PASA								
Contract								
<u>FY 1974 Expend. - Total</u>								
Direct								
PASA								
Contract								
<u>All Subseq. Obs.- Total</u>								
Direct								
PASA								
Contract								

	Number of US Technicians		Number of Participants		
	Long Term	Short Term	LT New	LT Contg	Short Term
FY 1973 Obs.					
FY 1974 Obs.					

Contract Funding Dates	FY 1972	FY 1973	FY 1974
	From:	From:	From:
To:	To:	To:	
	(mo./year)	(mo./year)	(mo./year)

Contractor \_\_\_\_\_

\*All participant costs include travel

## TABLE VIII

PROJECT PERSONNEL AND PARTICIPANTS  
(thousands of U.S. dollars)

Project No. 367-11-511-014

Project title: Malaria Eradication

Country: Nepal

PERSONNEL & PARTICIPANTS	Funding Source	Actual FY 72		Est. FY 73	
		O-B 6/30	MMS Expend.	O-B 6/30	MMS Expend.
<u>I. Personnel</u>	TA				
A. U.S. Personnel - Total		2	21	-	-
1. Direct		-	49	-	-
2. PASA - Sub-total		2	21	-	-
a. Chief Mal. Adv.		-	49	-	-
b. Med. Officer		-	12	-	-
3. Contract		-	9	-	-
B. Local & TCN - Total	TF	1	8	-	-
1. Direct		-	(1)	-	-
2. PASA - Sub-Total		1	8	-	-
a. Admin & Clerical		-	(1)	-	-
b. Prof. Local		1	8	-	-
3. Contract		-	-	-	-
<u>II Participants - Total</u>	TA		1	1	1
Long-Term - Sub-Total		-	-	-	-
Short-Term - Sub-Total		-	1	1	1

a/ Breakdown not available

B. 6. The lack of knowledge, policies, and techniques for controlling family size and population growth (See p. 4 and 12 in FY 74 DAP)

The growth in population must be related to national development goals or it will defeat those goals by restricting per capita well being.

During FY 73 and 74, USAID plans to assist HMG in developing the knowledge and policy alternatives necessary to make decisions on family size and population growth and in providing the information and administrative services necessary to deliver effective family planning services.

Other donor activity includes assistance to the Family Planning Association of Nepal (International Planned Parenthood Federation) and assistance in the creation of MCH and family planning clinics (UNICEF and WHO).

Type B costs are described on Table VI.

a. Family Planning Project

Purpose of Project:

To assist HMG in formulating policies on population problems and in developing and maintaining an integrated family planning and maternal and child health program. This involves research and the strengthening of the headquarters staff to provide more complete and efficient support for field operations and improving the quality and increasing the intensity of the FP & MCH district program.

Family Planning (FP) activities are aimed at providing contraceptive services and supplies to persons desiring them and motivating an evergrowing proportion of people to accept the small family norm. Maternal and Child Health (MCH) services are aimed at improving the health of mothers and children with special emphasis on immunization. It is expected that reductions in morbidity

and mortality will motivate couples to desire smaller families.

Activity to Date:

The Family Planning Headquarters Staff has been established and is now functioning. Each of the six operational sections (finance, administration, research and evaluation, information and education, training and supply) have at least one person with some training.

The project is functioning in 30 of the 75 districts in Nepal, an increase of 5 over last year. The Five Year Plan called for an increase to 40 districts, but it was felt better to consolidate the gains to date and increase the productivity of the units in place rather than to expand too fast.

A re-evaluation of the field workers' role and their training has been completed and the initial training program and in-service program content have been adjusted. 132 new health aides and 3 FPO's were trained during FY 72. 7 in-service training programs were conducted for both FP Project and Department of Health personnel, a total 235 workers. The FP Project staff increased by 120 persons.

During the past year, the field program has changed its basic method of operation so that each paramedical worker is responsible for a designated section of population near a clinic. This system requires individual reporting and checking procedures.

A Population and Development Conference was held early in FY 1972 sponsored by The Centre for Economic Development and Administration at Tribhuvan University. The purpose was to emphasize the impact of population growth on the various activities of the government, agriculture, education, health, industry and politics to government and civic leaders.

The University of Michigan contract to provide four advisors in Research and Evaluation, Training and Information and Education, and Field Operations is fully staffed and the impact of their services is showing in improved project operation.

The participant training program has provided short-term training for 14 and long term training for 3 Nepali project staff to increase their technical qualifications and provide greater depth in the organization. 55 staff personnel programmed for Indian Training were transferred for funding purposes to Colombo Plan after the curtailment of availability of US funds for training in India.

The census advisor has the electronic data processing operation installed at the Central Bureau of Statistics, has trained staff, and has started processing 1971 census data.

Plans for FY 1973 and FY 1974:

In FY 1973 the Michigan team will continue its advisory services. The monthly activity data will be punched onto cards so that the productivity of individual project workers can be measured and timely corrective measures taken. The emphasis will be on increasing the number of FP acceptors, now that a functional organization is in place to support the field program. For FY 1974 a new contract for advisory services will be negotiated to continue this activity.

In addition, a contract with the Research Triangle Institute has been requested, to develop a research and information program with a view to influencing decision makers to support population control measures and facilitating planning at the national level. Following the recommendations

of the RTI survey a research contract will be negotiated to produce information for opinion leaders on the importance of population on national planning development.

Participant training will continue at approximately the same level in FY 1973 and FY 1974 . The long term training will be professional training for key project trainers and managers. Short term training will emphasize skills development for middle and lower level staff. HMG's Architectural & Engineering Contractor, Louis I. Khan, has completed architectural working drawings and engineering drawings for the Family Planning Headquarters building. Construction of the building is scheduled to start in October, 1972 and be completed within 18 months. The contract with Louis I. Khan will have to be amended to include an additional 12 months of work so that site supervision can continue until construction of the building is completed.

The census advisor's tour is scheduled to end in February 1973. However, the census will not be processed at this time and short extension for the present advisor must be considered since his services still appear to be necessary until late spring 1973.

TABLE VI

Country: Nepal

NEW RESOURCE COMMITMENTS BY AREA OF CONCENTRATION  
(Grant Obligations/Loan Authorizations/Title II Shipments)  
(\$ thousands)

Area of concentration: Population Growth

	<u>FY 1972</u>	<u>FY 1973</u>	<u>FY 1974</u>
1. <u>AID administered resources-Total</u>	<u>861</u>	<u>1,583</u>	<u>500</u>
<u>Development Loans</u>	None		
<u>Grant Projects</u>			
1. Family Planning (367-11-580-096)	437 <u>a/</u>	1,238	159
2. Budget Support	424 <u>b/</u>	345 <u>b/</u>	341 <u>c/</u>
<u>PL 480 Title II Shipments</u>	None		
<u>Housing Guaranties</u>	None		
<u>Type B and Project Type Tech Support d/</u>	(80)	(75)	(75)
2. <u>LDC inputs (dollar equivalents)-Total</u>	<u>188</u>	<u>188</u>	<u>e/</u>
<u>Directly to AID</u>	188	188	
<u>Other related inputs</u>	-	-	
3. <u>Other donor assistance (\$ thousands equiv.) f/</u>	<u>252</u>	Not available	
<u>Bilateral</u>			
<u>Loans</u>	-		
<u>Grants</u>	-		
<u>Multilateral</u>			
<u>Loans</u>	-		
<u>Grants</u>	252		

Footnotes:

a/ Includes \$127,000 equivalent local currency contribution.

b/ Dollar equivalent of local currency budget support grant.

c/ Dollar equivalent of local currency disbursement charged against dollar appropriation.

d/ Includes family planning local staff and prorated portion of common-use tech support costs.

e/ Meaningful figures not available.

f/ Figures represent expenditures and are believed substantially complete and accurate, but have not been verified through HMG and should therefore be treated as preliminary. Some distortion may be present due to differences in donor reporting practices future year obligation data is not generally available, but levels are expected to gradually increase.

Note: The USAID program in Nepal uses excess US owned Indian rupees. Since these were generated by PL 480 programs in India (not Nepal) we consider the local currency generation used in Nepal as US inputs.

**PROJECT BUDGET TABLE SUMMARY TABLE VII**  
(\$ thousands)

**Country:** Nepal

**Appropriation:** PN/DF/TA/SA

**Financing Dates:**

**Project title:** Family Planning

Begin	End
FY 68	Open
FY 68	

**Project number:** 367-11-580-096

**Obligations:**

**Expenditures:**

	Technicians			Participants*		Commods.	Other Costs	Total
	U.S.	Local/TCN						
	\$	MM	MM					
<b>FY 1972 Pipeline - Total</b>	426 a/	-	-	77	87	92	37	632
Direct	3 b/	-	-	77	87	89	37c/	206
PASA								
Contract	423 c/	-	-	-	-	3	-	426
<b>FY 1973 Oblig. - Total</b>	553	5	60	322	342	250	108	1,238
Direct	78	20	5	222	216	100	108	513
PASA	44	16	-	-	-	-	-	44
Contract	431	-	-	100	126	150	-	681
<b>FY 1973 Spend. - Total</b>	369	84	5	100	105	78	115	667
Direct	81	20	5	100	105	75	115	376
PASA	44	16	-	-	-	-	-	44
Contract	244	48	-	-	-	3	-	247
<b>6/30/73 Pipeline - Total</b>	610	156	-	299	324	264	30	1,203
Direct	-	-	-	199	198	114	30	343
PASA								
Contract	610	156	-	100	126	150	-	860
<b>FY 1974 Oblig. - Total</b>	37	12	5	57	48	-	60	159
Direct	37	12	5	57	48	-	60	159
PASA								
Contract								
<b>FY 1974 Spend. - Total</b>	342	90	5	189	200	150	90	776
Direct	37	12	5	189	200	75	90	396
PASA								
Contract	305	78	-	-	-	75	-	380
<b>All Subseq. Obs. - Total</b>								
Direct								
PASA								
Contract								

\*All participant costs include travel

a/Includes following obligations: FY 68 \$12,000, FY 71 \$411,000 & FY 72 \$3,000.

	Number of US Technicians		Number of Participants		
	Long Term	Short Term	LT New	LT Contg	Short Term
	9	6	22	5	30
FY 1973 Obs.	9	6	22	2	20
FY 1974 Obs.	-	-	-	3	10

Contract Funding Dates	FY 1972		FY 1973		FY 1974	
	From:	To:	From:	To:	From:	To:
		(mo./year)		(mo./year)		(mo./year)

b/Lagged expenditure - HHE shipment.

Contractor: See detailed contract sheets.

c/Represents USAID/N estimate of pipeline category break down. U 203 shows total of \$459,000 as contract technician costs. \$36,000 is attributable to direct other costs.



PROJECT PERSONNEL AND PARTICIPANTS  
(thousands of U.S. dollars)

TABLE VIII

Country: Nepal

Project No.: 367-11-580-096

Project title: Family Planning

PERSONNEL & PARTICIPANTS	Funding Source	Actual FY 72		Estimate FY 73		Projected FY 74		Projected FY 75	
		O-B	6/30	O-B	6/30	O-B	6/30	O-B	6/30
			MMs		MMs		MMs		MMs
			Expend.		Expend.		Expend.		Expend.
<b>I. Personnel</b>									
A. U.S. Personnel-Total	PN	5	78	5	84	7	90	6	78
1. Direct-Subtotal	PN	1	22	1	20	1	12	1	37
a. Pop. Advisor		x	30	-	9	-	-	-	-
b. Pop. Officer		-	6	x	11	x	12	-	-
c. Pop. Advisor		-	40	-	-	-	-	-	-
2. PASA-Subtotal		-	31	-	16	-	-	-	-
a. Statistics Adv.		x	31	-	12	-	-	-	-
Short term Consultants		-	-	-	4	-	-	-	-
3. Contract-Subtotal	DF a/	-	44	-	48	6	78	6	78
See attached individual contract sheets		4	b/	4	48	6	78	6	78
B. Local & TCN-Total	TF a/	(5)	(60)	5	60	5	60	5	5
1. Direct-Subtotal		(5)	(60)	5	60	5	60	5	5
a. Admin. & Clerical		-	-	-	-	-	-	-	-
b. Professional Local		-	-	-	-	-	-	-	-
c. Professional TCN		-	-	-	-	-	-	-	-
2. PASA		-	-	-	-	-	-	-	-
None		-	-	-	-	-	-	-	-
3. Contract		-	-	-	-	-	-	-	-
None		-	-	-	-	-	-	-	-

a/Funding PN starting with FY 73.

b/Individual costs not available.

c/Total contract technician expenditures for 4 advisors (48 mm). It is not an accrued expenditure and includes FY 73 expenditures for services rendered in FY 72. The Mission used this figure in order to have a pipeline of 179 on June 30, 1973. See STATA 131154.



PROJECT BUDGET TABLE  
(\$ thousands)

TABLE VII

Country/region: Nepal  
Project title: Family Planning

Appropriation: PN/TA/DF

Financing Dates

Project number: 367-11-580-096

Obligations:

Begin	End
FY 68	FY 72
FY 68	FY 73

Expenditures:

	Technicians		Participants		Commods.	Other Costs	Total
	U.S.	Local/TCN					
	\$	MM	\$	MM	\$	\$	\$
<u>FY 1972 Pipeline- Total</u>	423	-	-	-	3	-	426
Direct							
PASA							
Contract	423	-	-	-	3	-	426
<u>FY 1973 Oblig. - Total</u>	-	-	-	-	-	-	-
Direct							
PASA							
Contract							
<u>FY 1973 Expend. - Total</u>	244	48	-	-	3	-	247
Direct							
PASA							
Contract	244	48	-	-	3	-	247
<u>6/30/73 Pipeline- Total</u>	179	-	-	-	-	-	179
Direct							
PASA							
Contract	179 a/	-	-	-	-	-	179
<u>FY 1974 Oblig. - Total</u>							
Direct							
PASA							
Contract							
<u>FY 1974 Expend. - Total</u>							
Direct							
PASA							
Contract							
<u>All Subseq. Obs. - Total</u>							
Direct							
PASA							
Contract							

a/To be reprogrammed to new Family Planning Services Contract. See STATE 131154.

	Number of US Technicians		Number of Participants		
	Long Term	Short Term	LT New	LT Contg	Short Term
FY 1973 Obs.					
FY 1974 Obs.					

Contract Funding Dates	FY 1972	FY 1973	FY 1974
	From: _____ To: _____ (mo./year)	From: _____ To: June 73 (mo./year)	From: _____ To: _____ (mo./year)

Contractor: University of Michigan

TABLE VIII

PROJECT PERSONNEL AND PARTICIPANTS  
(thousands of U.S. dollars)  
University of Michigan Contract

Country: Nepal

Project No.: 367-11-580-096

Project title: Family Planning

PERSONNEL & PARTICIPANTS	Funding Source	Actual FY 72		Estimate FY 73	
		O-B 6/30	MMs Expend.	O-B 6/30	MMs Expend.

I. Personnel

A. U.S. Personnel - Total

3. Contract

- a. Field Ops. Spec. b/
- b. Field Ops. Spec.
- c. Res. & Eval. Spec.
- d. Trng. Spec.

X	12	X	12	244	<u>d/</u>
X	12	X	12	244	<u>d/</u>
X	12	X	12	244	<u>d/</u>
X	8	X	12	244	<u>d/</u>

a/ Funding PN starting with FY 73.

b/ Positions expected to carry over from terminating (FY 73) University of Michigan contract to new (FY 74) Family Planning Services contract.

c/ Individual costs not available.

d/ Total contract technician expenditures for 4 advisors (48 mm). It is not an accrued expenditure and includes FY 73 expenditures for services rendered in FY 72. The Mission used this figure in order to have a pipeline of 179 on June 30, 1973. See STATE 131154.

PROJECT BUDGET Table  
(\$ thousands)

TABLE VII

Country ~~and sponsor~~: Nepal  
Project title: Family Planning

Appropriation: PN

Financing Dates

Project number: 367-11-580-096

Obligations:

Expenditures:

Begin	End
FY 73	Open
FY 73	

	Technicians			Participants *		Commods.	Other Costs	Total
	U.S.	Local/TCN		\$	MM			
	\$	MM	MM					
<u>FY 1972 Pipeline- Total</u>	-	-	-	-	-	-	-	-
Direct								
PASA								
Contract								
<u>FY 1973 Oblig. - Total</u>	271	-	-	100	126	150	-	521
Direct								
PASA								
Contract	271	-	-	100	126	150	-	521
<u>FY 1973 Expend. - Total</u>	-	-	-	-	-	-	-	-
Direct								
PASA								
Contract								
<u>6/30/73 Pipeline- Total</u>	450	120	-	100	126	150	-	700
Direct								
PASA								
Contract	450 a/	120	-	100	126	150	-	700
<u>FY 1974 Oblig. - Total</u>	-	-	-	-	-	-	-	-
Direct								
PASA								
Contract								
<u>FY 1974 Expend. - Total</u>	225	60	-	-	-	75	-	300
Direct								
PASA								
Contract	225	60	-	-	-	75	-	300
<u>All Subseq. Obs. - Total</u>								
Direct								
PASA								
Contract								

a/Assumed reprogramming of pipeline from terminating University of Michigan Contract. See STATE 131154.

	Number of US Technicians		Number of Participants		
	Long Term	Short Term	LT New	LT Contg	Short Term
FY 1973 Obs.	5	-	-	-	-
FY 1974 Obs.	5	-	9	-	-

Contract Funding Dates	FY 1972	FY 1973	FY 1974
	From: To: (no./year)	From: 4/73 To: (no./year)	From: To: (no./year)

\*All participant costs include travel

Contractor: Family Planning Services - Contractor to be determined

TABLE VIII

PROJECT PERSONNEL AND PARTICIPANTS  
(thousands of U.S. dollars)  
FP Services Contract

Country: Nepal

Project No.: 367-11-580-096

Project title: Family Planning

Funding Source	Actual FY 72 <sup>a/</sup>		Estimate FY 73 <sup>a/</sup>		Projected FY 74		Projected FY 75	
	O-B	6/30	O-B	6/30	O-B	6/30	O-B	6/30
	MMs	Expend.	MMs	Expend.	MMs	Expend.	MMs	Expend.

PERSONNEL & PARTICIPANTS

I. Personnel

A. U.S. Personnel - Total

3. Contract	PN	Actual FY 72 <sup>a/</sup>		Estimate FY 73 <sup>a/</sup>		Projected FY 74		Projected FY 75	
		O-B	6/30	O-B	6/30	O-B	6/30	O-B	6/30
a. Field Ops. Spec.		-	-	-	-	X	12	X	12
b. Field Ops. Spec.		-	-	-	-	X	12	X	12
c. Res. & Eval. Spec.		-	-	-	-	X	12	X	12
d. Trng. Spec.		-	-	-	-	X	12	X	12
e. Admin. Spec.		-	-	-	-	X	12	X	12

<sup>a/</sup> Assume continuation of personnel under University of Michigan Contract.

PROJECT BUDGET TABLE  
(\$ thousands)

TABLE VII

Country ~~and Subsector~~: Nepal  
Project title: Family Planning

Appropriation: PN

Financing Dates

Project number: 367-11-580-096

Obligations:

Expenditures:

Begin	End
FY 73	Open
FY 74	

	Technicians		Participants		Commods.	Other Costs	Total
	U.S.	Local/TCN					
	\$	MM	MM	\$	MM	\$	\$
<u>FY 1972 Pipeline- Total</u>	-	-	-	-	-	-	-
Direct							
PASA							
Contract							
<u>FY 1973 Oblig. - Total</u>	160	36	-	-	-	-	160
Direct							
PASA							
Contract	160	36	-	-	-	-	160
<u>FY 1973 Expend. - Total</u>	-	-	-	-	-	-	-
Direct							
PASA							
Contract							
<u>6/30/73 Pipeline- Total</u>	160	36	-	-	-	-	160
Direct							
PASA							
Contract	160	36	-	-	-	-	160
<u>FY 1974 Oblig. - Total</u>	-	-	-	-	-	-	-
Direct							
PASA							
Contract							
<u>FY 1974 Expend. - Total</u>	80	18	-	-	-	-	80
Direct							
PASA							
Contract	80	18	-	-	-	-	80
<u>All Subseq. Obs.- Total</u>							
Direct							
PASA							
Contract							

	Number of US Technicians		Number of Participants		
	Long Term	Short Term	LT New	LT Contg	Short Term
	1	4	-	-	-
FY 1973 Obs.	1	4	-	-	-
FY 1974 Obs.					

Contract Funding Dates	FY 1972	FY 1973	FY 1974
	From:		From: 6/74
To:		To: 6/76	To:
	(mo./year)	(mo./year)	(mo./year)

Population Policy Contract -  
Contractor: Contractor to be determined



PROJECT BUDGET TABLE  
(\$ thousands)

TABLE VII

Country ~~and the~~ Nepal  
Project title: Family Planning

Appropriation: TA

Financing Dates

Project number: 367-11-580-096

Obligations:

Expenditures:

<u>Begin</u>	<u>End</u>
FY 68	FY 68
FY 68	FY 73

'Non-add to Summary Table'

	<u>Technicians</u>		<u>Participants</u>		<u>Commods.</u>	<u>Other Costs</u>	<u>Total</u>
	<u>U.S.</u>	<u>Local/TCN</u>					
	\$	MM	\$	MM	\$	\$	\$
<u>FY 1972 Pipelng- Total</u>	12	-	-	-	3	-	15
<u>Direct</u>							
<u>PASA</u>							
<u>Contract</u>	12	-	-	-	3	-	15
<u>FY 1973 Oblig. - Total</u>	-	-	-	-	-	-	-
<u>Direct</u>							
<u>PASA</u>							
<u>Contract</u>							
<u>FY 1973 Expend. - Total</u>	12	-	-	-	3	-	15
<u>Direct</u>							
<u>PASA</u>							
<u>Contract</u>	12	-	-	-	3	-	15
<u>6/30/73 Pipelng- Total</u>							
<u>Direct</u>							
<u>PASA</u>							
<u>Contract</u>							
<u>FY 1974 Oblig. - Total</u>							
<u>Direct</u>							
<u>PASA</u>							
<u>Contract</u>							
<u>FY 1974 Expend. - Total</u>							
<u>Direct</u>							
<u>PASA</u>							
<u>Contract</u>							
<u>All Subseq. Obs.- Total</u>							
<u>Direct</u>							
<u>PASA</u>							
<u>Contract</u>							

	<u>Number of US Technicians</u>		<u>Number of Participants</u>		
	<u>Long Term</u>	<u>Short Term</u>	<u>LT New</u>	<u>LT Contg</u>	<u>Short Term</u>
<u>FY 1973 Obs.</u>					
<u>FY 1974 Obs.</u>					

<u>Contract Funding Dates</u>	<u>FY 1972</u>		<u>FY 1973</u>		<u>FY 1974</u>	
	<u>From:</u>	<u>To:</u>	<u>From:</u>	<u>To:</u>	<u>From:</u>	<u>To:</u>
	(mo./year)	(mo./year)	(mo./year)	(mo./year)	(mo., year)	(mo., year)

Contractor: University of Michigan

PROJECT BUDGET Table  
(\$ thousands)

TABLE VII

Country: Nepal  
Project title: Family Planning

Appropriation: DF

Financing Dates	
Begin	End
FY 70	FY 71
FY 70	FY 73

Project number: 367-11-580-096

Obligations:

Expenditures:

'Non-add to Summary Table'

	Technicians		Participants		Commod.	Other Costs	Total
	U.S.	Local/TCN					
	\$ MM	MM	\$ MM	MM	\$	\$	\$
<u>FY 1972 Pipeline- Total</u>	411	-	-	-	-	-	411
Direct							
PASA							
Contract	411	-	-	-	-	-	411
<u>FY 1973 Oblig. - Total</u>	-	-	-	-	-	-	-
Direct							
PASA							
Contract							
<u>FY 1973 expend. - Total</u>	232	-	-	-	-	-	232
Direct							
PASA							
Contract	232	-	-	-	-	-	232
<u>6/30/73 Pipeline- Total</u>	179 a/	-	-	-	-	-	179 a/
Direct							
PASA							
Contract	179 a/	-	-	-	-	-	179 a/
<u>FY 1974 Oblig. - Total</u>							
Direct							
PASA							
Contract							
<u>FY 1974 Expend. - Total</u>							
Direct							
PASA							
Contract							
<u>All Subseq. Obs. - Total</u>							
Direct							
PASA							
Contract							

a/To be reprogrammed to new Family Planning Services Contract. See STATE 131154.

	Number of US Technicians		Number of Participants		
	Long Term	Short Term	LT New	LT Contg	Short Term
FY 1973 Obs.					
FY 1974 Obs.					

Contract Funding Dates	FY 1972	FY 1973	FY 1974
	From:	From:	From:
To:	To: June 73	To:	
	(no./year)	(no./year)	(no./year)

Contractor: University of Michigan

PROJECT BUDGET TABLE  
(\$ thousands)

TABLE VII

Country: Nepal  
Project title: Family Planning

Appropriation: DF

Financing Dates

Project number: 367-11-580-096

Obligations:

Expenditures:

Begin	End
FY 70	FY 71
FY 70	FY 73

'Non-add to Summary Table'

	Technicians		Participants *		Commods.	Other Costs	Total
	U.S.	Local/TON					
	\$ MM	MM	\$ MM	MM	\$	\$	\$
<u>FY 1972 Pipeline- Total</u>	-	-	15		9	-	24
Direct	-	-	15		9	-	24
PASA							
Contract							
<u>FY 1973 oblig. - Total</u>	-	-	-		-	-	-
Direct							
PASA							
Contract							
<u>FY 1973 expend. - Total</u>	-	-	15		9	-	24
Direct	-	-	15		9	-	24
PASA							
Contract							
<u>6/30/73 Pipeline- Total</u>							
Direct							
PASA							
Contract							
<u>FY 1974 Oblig. - Total</u>							
Direct							
PASA							
Contract							
<u>FY 1974 Expend. - Total</u>							
Direct							
PASA							
Contract							
<u>All Subseq. Obs.- Total</u>							
Direct							
PASA							
Contract							

\*All participant costs include travel

	Number of US Technicians		Number of Participants		
	Long Term	Short Term	LT New	LT Contg	Short Term
FY 1973 Obs.					
FY 1974 Obs.					

Contract Funding Dates	FY 1972	FY 1973	FY 1974
	From: To: (mo./year)	From: To: (mo./year)	From: To: (mo./year)

Contractor \_\_\_\_\_

PROJECT SUMMARY TABLE  
(\$ thousands)

TABLE VII

Country: Nepal  
Project title: Family Planning

Appropriation: DF

Financing Dates	
Begin	End
FY 71	FY 71
FY 71	FY 74

Project number: 367-11-580-096

Obligations:

Expenditures:

'Non-add to Summary Table'

	Technicians		Participants		Commod.	Other Costs	Total
	U.S.		Local/TCN				
	\$	MM	\$	MM	\$	MM	\$
<u>FY 1972 Pipeline - Total</u>	-	-	-	-	-	36a/	36a/
Direct	-	-	-	-	-	36a/	36a/
PASA							
Contract							
<u>FY 1973 Oblig. - Total</u>	-	-	-	-	-	-	-
Direct							
PASA							
Contract							
<u>FY 1973 Expend. - Total</u>	-	-	-	-	-	36a/	36a/
Direct	-	-	-	-	-	36a/	36a/
PASA							
Contract							
<u>6/30/73 Pipeline - Total</u>							
Direct							
PASA							
Contract							
<u>FY 1974 Oblig. - Total</u>							
Direct							
PASA							
Contract							
<u>FY 1974 Expend. - Total</u>							
Direct							
PASA							
Contract							
<u>All Subseq. Obs. - Total</u>							
Direct							
PASA							
Contract							

	Number of US Technicians		Number of Participants		
	Long Term	Short Term	LT New	LT Contg	Short Term
FY 1973 Obs.					
FY 1974 Obs.					

Contract Funding Dates	FY 1972	FY 1973	FY 1974
	From:	From:	From:
To:	To:	To:	
	(mo./year)	(mo./year)	(mo./year)

Contractor \_\_\_\_\_  
a/A & E Services.

PROJECT BUDGET TABLE  
(\$ thousands)

Country ~~originating~~: Nepal  
Project title: Family Planning

Appropriation: SA

Financing Dates

Project number: 367-11-580-096

Obligations:

Expenditures:

Begin	End
FY 69	FY 69
FY 69	FY 73

'Non-add to Summary Table'

	Technicians		Participants		Commods.	Other Costs	Total
	U.S.	Local/TCN					
	\$	MM	MM	\$	MM	\$	\$
<u>FY 1972 Pipeline</u> - Total	-	-	-	-	8	-	8
Direct	-	-	-	-	8	-	8
PASA							
Contract							
<u>FY 1973 Oblig.</u> - Total	-	-	-	-	-	-	-
Direct							
PASA							
Contract							
<u>FY 1973 Expend.</u> - Total	-	-	-	-	8	-	8
Direct	-	-	-	-	8	-	8
PASA							
Contract							
<u>6/30/73 Pipeline</u> - Total							
Direct							
PASA							
Contract							
<u>FY 1974 Oblig.</u> - Total							
Direct							
PASA							
Contract							
<u>FY 1974 Expend.</u> - Total							
Direct							
PASA							
Contract							
<u>All Subseq. Obs.</u> - Total							
Direct							
PASA							
Contract							

	Number of US Technicians		Number of Participants		
	Long Term	Short Term	LT New	LT Contg	Short Term
FY 1973 Obs.					
FY 1974 Obs.					

Contract Funding Dates	FY 1972	FY 1973	FY 1974
	From: To: (mo./year)	From: To: (mo./year)	From: To: (mo./year)

Contractor \_\_\_\_\_

Budget Support

The circumstances that require dollar grant financing of expenditures formerly met from U.S. owned Indian rupees are explained in section A.1 of this FBS.

In the past, rupee expenditures other than USAID support costs have been largely projectized. As the competence of the Nepalese to implement projects has improved, and as the technician staff of USAID has been reduced, some of these rupee expenditures have increasingly taken on the characteristics of budget support. Because of this, as well as the anticipated phasing out of rupee projects and the desirability of moving our procedures to meet more normal AID project criteria, USAID will handle the remaining rupee availabilities as budget support unless they are associated with a specific project activity. Where rupee support is provided to HMG organizations with which we also have dollar project activity the rupees will be handled as budget support to the organization with the HMG contribution included in the dollar Project Agreement.

In FY 73 \$115,000 will be dollar funded for malaria commodities.

Since we assume that rupee availabilities will be exhausted by the end of FY 73, the rupee disbursements in FY 74 and FY 75 will have to be dollar funded.

The following table gives the breakdown of the proposed rupee disbursements. The amounts for local currency activities are carried in the tables as US inputs since the PL 480 programs generating the local currencies were in India and not Nepal.

BUDGET SUPPORT  
FY 1973 - FY 1975 L/C Obligation Projection  
 For Project Budget Support  
 (In lakhs of NG Rs)

	<u>FY 73</u>	<u>FY 74</u>	<u>FY 75</u>	<u>% Total Budget or Project Cost</u>	<u>% Total Budget or Project Cost</u>	<u>% Total Budget or Project Cost</u>
<u>NEW OBLIGATIONS</u>						
<u>Non-Projected</u>						
Ag. Extension	16.89	13.60	-	17	-	
Ag. Research	13.90	12.75	-	15	-	
Malaria (General) (Commodities) (Dollar Funded) non-add	57.00 (11.50)	28.50	-	-	-	
Family Planning (non-building)	34.54	34.10	-	55	-	
<u>Projected</u>						
Western Hill Road	1,35.00	2,27.50	1,22.50	70	69	
Ag. Devel. Bank	50.00	-	-	-	-	
Groundwater Investigation	31.19	21.36	-	36	-	
Suspension Bridges	3.75	-	-	-	-	
Participant Training	8.94	6.94	-	-	-	
Sub-Total	3,51.21	3,47.75	1,22.50			
Plus Malaria Commodities	\$115,000					

**BUDGET SUPPORT**  
**FY 1973 - FY 1975 L/C Obligation Projection**  
 For Project Budget Support  
 (In lakhs of Nc Rs)

Prior Year Obligations	Carryover and/or unreleased	FY 73	%	FY 74	%	FY 75	%
<u>Projects</u>							
Agriculture Research - Const. (Prior Oblig.)	7.04	4.78		2.26		-	
Airport Dev. (Prior Oblig.)	4,29.67	1,79.00		1,64.00		86.87	
Power Dev. (Prior Oblig)	26.00	26.00		-		-	
STOL Airfields (Prior Oblig)	.80	.80		-		-	
CEDA Documentation Center (Prior Oblig.)	1.83	1.83		-		-	
Family Planning Building (Prior Oblig.)	31.30	31.30		-		-	
Sub-Total	4,06.64	2,33.71		1,66.26		86.67	
Grand Total Releases		5,84.92		5,14.01		2,09.17	
Plus \$115,000 Malaria Commodities in FY 73							
Unobligated balance as of 7/14/72		Rs. 3,61,01.127 NC @		Rs. 1.00 IC =		Rs. 1.39 NC	

The balance includes Rs. 3,11,70,312 Nc on which we have authority to obligate until 12/30/72 and Rs 49,30 815 NC on which authority to obligate has already expired. The above balance may be increased at a later date due to future obligations. Therefore, request for AID/W authority to obligate should be in terms of authority to obligate and expend until all allotted funds are expended regardless of former OMB limitations.

**PROJECT BUDGET TABLE**  
( \$ thousands)

TABLE VII

**Country or Subregion:** Nepal      **Appropriation:** TA  
**Project title:** Budget Support (Non Family Planning)

<b>Financing Dates</b>	
<u>Begin</u>	<u>End</u>
FY 73	FY 75
FY 73	FY 75

**Project number:** \_\_\_\_\_      **Obligations:** \_\_\_\_\_  
**(to complete rupee project commitments -**      **Expenditures:** \_\_\_\_\_  
**Non Family Planning)**

	Technicians		Participants		Commods.	Other Costs	Total
	U.S. \$	Local/TCN MM	\$	MM	\$	\$	\$
<b>FY 1972 Pipeline- Total</b>							
Direct							
PASA							
Contract							
<b>FY 1973 Oblig. - Total</b>	-	-	-		115 1/	-	115
Direct	-	-	-		115	-	115
PASA							
Contract							
<b>FY 1973 Expend. - Total</b>	-	-	-		115	-	115
Direct	-	-	-		115	-	115
PASA							
Contract							
<b>6/30/73 Pipeline- Total</b>							
Direct							
PASA							
Contract							
<b>FY 1974 Oblig. - Total</b>	-	-	-		30 1/	3,107	3,137
Direct	-	-	-		30	3,107	3,137
PASA							
Contract							
<b>FY 1974 Expend. - Total</b>	-	-	-		30	3,107	3,137
Direct	-	-	-		30	3,107	3,137
PASA							
Contract							
<b>All Subseq. Obs.- Total</b>	-	-	-		-	1,225	1,225
Direct	-	-	-		-	1,225	1,225
PASA							
Contract							

	Number of US Technicians		Number of Participants		
	Long Term	Short Term	LT New	LT Contg	Short Term
<b>FY 1973 Obs.</b>					
<b>FY 1974 Obs.</b>					

Contract Funding Dates	FY 1972	FY 1973	FY 1974
	From: To: (mo./year)	From: To: (mo./year)	From: To: (mo./year)

**Contractor** \_\_\_\_\_  
1/ Malaria Commodities.

Note: The malaria commodities will be disbursed in dollars. The other amounts will be disbursed in rupees against dollar appropriations.

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**TABLE VIII**

**Country: Nepal**

**PROJECT PERSONNEL AND PARTICIPANTS  
(thousands of U.S. dollars)**

**Project No.:**

**Project Title: Budget Support (Non Family Planning)**

**Not Applicable**



**PROJECT PERSONNEL AND PARTICIPANTS**  
(thousands of U.S. dollars)

**TABLE VII**

**Country: Nepal**

**Project No.:**

**Project title: Budget Support (Family Planning)**

**Not Applicable**

TABLE VI A

Country of Sub-region: Nepal

NEW RESOURCE COMMITMENTS BY AREA OF CONCENTRATION  
 (Grant Obligations/Loan Authorizations/Title II Shipments)  
 (\$ thousands)

	<u>FY 1972</u>	<u>FY 1973</u>	<u>FY 1974</u>
TOTAL	_____	_____	_____
<u>Development Loans</u> (List individually by name-number)	_____	_____	_____
1. Loan name-number			
2.       "			
3.       "			
4.       "	NOT	A P P L I C A B L E	
<u>Grant Projects</u> (List individually by name-number)	_____	_____	_____
1. Project name-number-funding source			
2.       "			
3.       "			
4.       "			
<u>Housing Guaranties</u>	_____	_____	_____
<u>PL 480 Title I Sales Agreements</u>	_____	_____	_____