



PD-AAX-185
THE SOCIALIST REPUBLIC OF THE UNION OF BURMA

MINISTRY OF HEALTH 54312

THE DEPARTMENT OF MEDICAL RESEARCH

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Letter No. 5964 Weaning Food

Dated, December 11, 1985

Dr. John Naponick
Health Officer
AID
American Embassy
Rangoon

Dear Dr. Naponick,

Sub: Development of Weaning Food (AID/SCI Project No. 2N-01)
Progress Report

I am pleased to send herewith the Progress Report on the
AID assisted project - Development of Weaning Food.

Regarding the further extension of PACD, we are trying our best
to extend it to September, 1986.

With best regards,

Sincerely yours,

Dr, Thane Toe
Deputy Director (Research)

Rec'd in SCI JAN 06 1986

1. Project title : Development of Appropriate Weaning Food.
(AID Project Number 2N-01)

The project has two components namely:

- (a) field studies on infant and young child feeding practice and (b) setting up of Food Science Laboratory for the nutrient analysis of food items used in young child feeding and some laboratory works on weaning food formulation.

1.1. Field Surveys

Major part of the field work was supported by UNICEF. An additional field team and a group of laboratory staff were supported by USAID grant and have been recruited and employed since November 1983, after receiving the first quarter payment from USAID. (a mandatory procedure at DMR).

To date 12 townships (18 survey sites) have been covered by the field teams with a total sample of 6255 mother-child pairs. Detail diet study (24-hr weighment) have also been carried out on a subset of 1612 children under 3 years of age. (see Table 1)

1.2. Food Science Laboratory

The aim was to set up a fairly operational Food Science Laboratory in Nutrition Research Division of Department of Medical Research where most existing equipments are nearly obsolete and nonfunctional.

Rec'd in SSN JAN 06 1986

Initial indent for equipments and supplies was sent to USAID/Rangoon in June 1983. At the request of Dr. Steve Thomas, a revised list was submitted in September 1983. Procurement by USAID was done through AAPC/New York (a non-profit firm) but it took a long time to materialise. A final list was prepared from proforma invoices obtained from AAPC and returned in October 1984.

The first batch of equipment and supplies started to arrive Rangoon during the month of June 1985. However a number of supplies items have not yet arrived. A list of impending supplies is attached (Annex -1)

1.3. Laboratory work

Field and dietary studies have yielded a large number of food items for analysis of nutrient composition which was not available in the current Food Tables.

A total of (105) food items including (58) varieties of snacks consumed by the children have been chemically analysed. These analysis were done using pre-existing equipment and supplies, and as such DMR resources have to be utilised.

The experimental formulation of appropriate weaning food (mixes) using locally available food was also undertaken. However, further development would have to be based on the field research findings.

2. Field Data Analysis

A preliminary analysis is being done with a computer (Datapoint 1560) in DMR. However, a larger work-up is needed for which increase in manpower for data entry and programming is also required. Data entry terminal (Datapoint) supplied by USAID has just arrived and speedier analysis is envisaged in future.

2.1. Participant training

The overall aim was to send one senior Researcher to do the data analysis at a suitable place abroad. Although AID has helped arrange a training programme in the United States for the proposed scientist it has to be cancelled due to certain administrative problems.

An alternative is being considered. It may be advantageous to recruit a shortterm consultant for the purposes of data analysis. It may also be of benefit to DMR if a revised training programme can be arranged for the proposed scientist.

3. Budgetary status

3.1. Local cost

As of 31 September 1985, expenses for local cost paid by USAID amounted to kyat 203, 156. (US\$ equivalent of 23,900 approximately).

3.2. Supplies and equipments

Cost of commodities already received by DMR has been compiled for the supplies lists and a total amount of US\$ 71,544.23 was obtained. However, a number of supplies items remained to be delivered to DMR. (See section 1-2)

3.3. Consultancy

A shorttern consultant (Dr. M.Zeitlin) had already visited DMR in the begining of the project (July 1983) for reveiew of protocol and methodology.

The cverall budgetary status as of 31 September,1985,

The overall implementation status of field surveys on infant and
youngchild feeding practices

Survey sites		No. of mother/ child pairs covered	No. of children covered for dietary intake study
State/Division	Township		
1. Rangoon	Thingangyun(Feb'83)	334	83
2. "	Kayan (Man-Apr'83)	332	92
3. "	# Ahlone (Nov-Dec'83)	382	85
4. "	# Sanchaung(July'84)	302	90
5. Mandalay	Kyaukpadaung (June-July'83)	352	89
6. "	# Mandalay NE/NW (Jan-Feb'84)	606	173
7. "	Mandalay S.W. (Mar-Apr'84)	338	89
8. Mon State	Mudon (May-June'84)	635	180
9. Shan State	Pindaya (Sept'84)	619	185
10. Rakkhine State	# Sandoway(Dec'84)	659	183
11. Chin	# Falam, Tiddim (Mar-Apr'85)	836	182
12. Kachin	Myintkyina (June-July'85)	850	181
Total	18 sites	6255	1612

denotes participation by AID field team.

is shown in Table 2.

However, some clarifications from AID is necessary as to the amount of unspent money so that necessary actions can be taken to ensure that all funds be utilised before the project assistance completion date.

4. Project Assistance Completion Date (PACD)

4.1. Revised PACD

The original PACD of the project as specified in the grant agreement was 31 September 1984. USAID proposed a new PACD as 31 March, 1985 and was mutually agreed upon.

However, due to delay in arrival of supplies and equipments and lack of finalisation in participant training, an extension of PACD will be required. After exploring administrative and budgetary implications, a revised PACD will be proposed to AID-probably 30 November, 1985 since the project was physically implemented only in November, 1983.

A table of project activities during the past years is attached (Annex 2)

4.2. Further extension of PACD

In view of the new developments in the project, PACD should be further extended, preferably to 31 September 1986. During the proposed extension period, it is hoped that all the element in the grant agreement would have been materialised.

TABLE 2.

Budget status of AID Project- Development of Appropriate
Weaning Food (Up to 31 September 1985)

No.	Particulus	Funds (US \$)		
		Proposed	Expended (released)	Balance
1.	Commodities	85,000	71,544.23	13,455.77
2.	Local cost	30,000	23,900.70	5,099.30
3.	Participant training	15,000	-	15,000.00
4.	Technical assistance(STC x 2)	15,000	7,000.00	8,000.00
5.	Contingency	5,000	-	5,000.00
	Total	150,000	102,444.93	47,555.07

Tentative figure given by Dr. Steeve Thomas.

LIST OF SUPPLIES AND EQUIPMENTS
NOT YET ARRIVED

Serial No.	Line No.	Item Description	Qty.
1.	004	COMBINATION DIGESTION APPARATUS	1 Ea.
2.	016	VACCUM PUMPLIKE	1 Ea.
3.	019	PH METER	1 Ea.
4.	020	AUTOCLAVE	1 Ea.
5.	026	VACCUM PUMP	1 Ea.
6.	030	REFRIGERATOR/FREEZER	1 Ea.
7.	031	INCUBATOR	1 Ea.
8.	032	MUFFLE FURNACE	1 Ea.
9.	049	STOP WATCH DIGITAL LCD W/MEMORY	2 Ea.
10.	073	ACET ACID GLACIAL	1 Ea.
11.	074	ACETONE CERTIFIED	3 Ea.
12.	075	AMMON HYDROXIDE REAGENT	3 Ea.
13.	077	CERIC AMM SULFATE CERTIFIED 50	1 Ea.
14.	078	CHLOROFORM SPECTRO CR ACS	1 Ea.
15.	080	HYDROGEN PEROX 30 O/O REAG	2 Ea.
16.	081	METHANOL CERTIFIED ACS 500 ML	2 Ea.
17.	083	PERCHOLRIC ACID 70 O/O R ACS	4 Ea.
18.	084	PETROLEUM ETHER CERT ACS 4 L	1 Ea.
19.	085	POT DICHROMATE ERT ACS 3 KG	1 Ea.
20.	088	SODIUM HYDROXIDE CERT ACS 500 G	1 Ea.
21.	090	ETHYL ETHER FAT EXTR	5 Ea.
22.	099	ZINC SULFATE ACS 500 G	4 Ea.
23.	100	POSTTGHUIC TABATE ERT ACS 500 G	4 Ea.
24.	101	SODIUM NITRITE CERT ACS 500 G	4 Ea.
25.	103	SULFURIC ACID CS	2 Cs.
26.	104	SODIUM HYDROXIDE CERT ACS 500 G	6 Cs.
27.	105	PHENOL REAGENT SOL 2N 100 ML	1 Cs.

LIST OF SUPPLIES AND EQUIPMENTS
NOT YET ARRIVED

Serial No.	Line No.	Item Description	Qty.
28.	106	LEAD SUB ACS 500 G	1 Cs.
29.	109	CUPRIC SULPHATE CERT ACS 500 G	2 Ea.
30.	111	HYDROCHLORIC ACID 36-5-38, 0-0	1 Cs.
31.	114	REPLACEMENT PLATES (DRY MATL)	1 Pk.
32.	117	REPLACEMENT GREATER 1000 W FOR A	1 Ea.
33.	124	HEAVY DUTY LAB/LIFT (45 KG)	1 Ea.
34.	125	UNIVERSAL TESTING THERMOMETER	2 Ea.
35.	135	REPLACE HOTPLATE F/MUTI EXTRAC	2 Ea.
36.	147	REPLACEMENT FINE GRINDING PLATE	1 Ea.

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