

PROJECT APPRAISAL REPORT (PAR)

Reference Center 4930194(4)
Room 1656 NS 67-100-531-01

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1. PROJECT NO. 493-11-610-194	2. PAR FOR PERIOD: 5/69 TO 5/71	3. COUNTRY Thailand	4. PAR SERIAL NO. 71-11 Sp
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Vocational Education

6. PROJECT DURATION: Began FY 66 Ends FY 72	7. DATE LATEST PROP 7/22/69 ✓	8. DATE LATEST PIP 1/16/70 ✓	9. DATE PRIOR PAR 5/28/69 ✓
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10. U.S. FUNDING	a. Cumulative Obligation Thru Prior FY: \$ 2,701,000	b. Current FY Estimated Budget: \$ 675,000	c. Estimated Budget to completion After Current FY: \$ 560,000
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11. KEY ACTION AGENTS (Contractor, Participating Agency or Voluntary Agency)

a. NAME	b. CONTRACT, PASA OR VOL. AG. NO.
Oklahoma State University	AID/ea 23 ✓
California State Polytechnic College	AID/fe 308 ✓

I. NEW ACTIONS PROPOSED AND REQUESTED AS A RESULT OF THIS EVALUATION

A. ACTION (X)			B. LIST OF ACTIONS	C. PROPOSED ACTION COMPLETION DATE
USAID	AID/W	HOST		
	X	X	To facilitate future project evaluations, establish follow-up system to ascertain placement of vocational school graduates by type of position and location as well as relevancy of training to employment.	Dec. 30, 1971
	X	X	Since success of project will be seriously impaired if inadequate number of teacher training college graduates seek employment as teachers, establish a system to monitor placement of graduates so that any problem in this regard can be spotted in development stage.	June 30, 1972

D. REPLANNING REQUIRES	REVISOR OR NEW: <input type="checkbox"/> PROP <input type="checkbox"/> PIP <input type="checkbox"/> PRO AG <input type="checkbox"/> PIO/T <input type="checkbox"/> PIO/C <input type="checkbox"/> PIO/P	E. DATE OF MISSION REVIEW 5/27/1971
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PROJECT MANAGER: TYPED NAME, SIGNED INITIALS AND DATE James D. Murray <i>JDM</i> 6/10/71	MISSION DIRECTOR: TYPED NAME, SIGNED INITIALS AND DATE Rey M. Hill
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II. PERFORMANCE OF KEY INPUTS AND ACTION AGENTS

A. INPUT OR ACTION AGENT CONTRACTOR, PARTICIPATING AGENCY OR VOLUNTARY AGENCY	B. PERFORMANCE AGAINST PLAN							C. IMPORTANCE FOR ACHIEVING PROJECT PURPOSE (X)					
	UNSATISFACTORY		SATISFACTORY			OUT-STANDING		LOW	MEDIUM			HIGH	
	1	2	3	4	5	6	7	1	2	3	4	5	
1. Oklahoma State University					X							X	
2. California State Polytechnic College					X							X	
3.													

Comment on key factors determining rating

Both institutions have discharged their obligations in a conscientious manner, providing technically well-qualified personnel (and resolving such limited personality problems as have arisen in an expeditious and satisfactory manner); both groups have exhibited considerable flexibility in adjusting their programs to the arrival of specific commodities. Finally, the two contractors have worked exceptionally well with each other in every respect, including participant training and the utilization of available resources.

4. PARTICIPANT TRAINING	1	2	3	4	5	6	7	1	2	3	4	5
					X						X	

Comment on key factors determining rating

Host government participation unusually high, with RTG sponsoring 200 of 250 persons receiving participant training under this project, remaining 50 receiving AID grants. Returned participants, virtually without exception, being utilized as contemplated prior to their departure.

5. COMMODITIES	1	2	3	4	5	6	7	1	2	3	4	5

Comment on key factors determining rating

Project purpose includes assistance to RTG in management of procurement of commodities; however, funds for procurement being provided through \$6 million IBRD loan, with no significant commodity input by AID.

6. COOPERATING COUNTRY	a. PERSONNEL	1	2	3	4	5	6	7	1	2	3	4	5
	b. OTHER					X						X	

Comment on key factors determining rating

The performance of the host country in connection with this project has been very good. Among outstanding features have been the competence and continuity of project leadership, the use of project-trained manpower and the adequacy of the RTG project-related organization, i.e. the Ministry of Education. Such difficulties as have been or are likely to be encountered can largely be attributed to inadequate pay and allowances of host country personnel, a problem being faced by most USOM projects.

7. OTHER DONORS	1	2	3	4	5	6	7	1	2	3	4	5
					X							X

(See Next Page for Comments on Other Donors)

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ii. 7. Continued: Comment on key factors determining rating of Other Donors

As indicated elsewhere, all commodities under this project are being provided through a \$6 million loan by the IBRD.

III. KEY OUTPUT INDICATORS AND TARGETS

A. QUANTITATIVE INDICATORS FOR MAJOR OUTPUTS		TARGETS (Percentage/Rate/Amount)					END OF PROJECT
		CUMU- LATIVE PRIOR FY	CURRENT FY		FY ____	FY ____	
			TO DATE	TO END			
1. Trained Thai personnel for key administrative and supervisory positions in T & I schools and MOE.	PLANNED	28	-	-	-	-	28
	ACTUAL PERFORM- ANCE	18	10				
	REPLANNED						
2. Trained Thai personnel for key administrative and supervisory positions in Agricultural schools and MOE.	PLANNED	22	-				22
	ACTUAL PERFORM- ANCE	10	12				
	REPLANNED						
	PLANNED						
	ACTUAL PERFORM- ANCE						
	REPLANNED						
	PLANNED						
	ACTUAL PERFORM- ANCE						
	REPLANNED						
B. QUALITATIVE INDICATORS FOR MAJOR OUTPUTS	COMMENT:						
1. Curriculum for grades M.S. 4, 5 & 6 of Trade & Indus- tries & Agricultural Schools prepared, tested & revised.	M.S. 4 and 5 first phase developed, used one year and in process of first revision. M.S. 6 first phase developed in agricultural education and in use. M.S. 6 first phase for T & I developed and being reviewed in curriculum workshop at Thewes April 1971.						
2. Curriculum for all grades of T & I and Agricultural Teacher Training Schools prepared, tested & revised.	COMMENT: Curriculum first phase completed, used one year and now in first revision.						
3. Specifications for all equipment to be procured under IBRD loan prepared for bid invitations, bids reviewed and procurement action initiated.	COMMENT: 1. LIVE bid awards, up to and including LIVE #17, amounts to \$4.8 million out of a total of \$6.0 million IBRD loan. 2. LIVE bids up to #20 now being reviewed. 3. Specifications completed for LIVE bid #23, LIVE #24 (expected to be <u>final</u> bid) to be completed by 6/30/71.						

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II. 7. Continued: Comment on key factors determining rating of Other Donors

III. KEY OUTPUT INDICATORS AND TARGETS

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		CUMU- LATIVE PRIOR FY	CURRENT FY		FY ____	FY ____	
			TO DATE	TO END			
	PLANNED						
	ACTUAL PERFORM- ANCE						
	REPLANNED						
	PLANNED						
	ACTUAL PERFORM- ANCE						
	REPLANNED						
	PLANNED						
	ACTUAL PERFORM- ANCE						
	REPLANNED						
	PLANNED						
	ACTUAL PERFORM- ANCE						
	REPLANNED						
B. QUALITATIVE INDICATORS FOR MAJOR OUTPUTS	COMMENT: Equipment installation & utilization workshops have been held for automotive & building trades, machine shop, welding & sheet metal. Electricity & electronic workshops to be held in 1971. In agriculture, installation & utilization workshops have been held. As new equipment arrives, special training is provided by contractors' personnel.						
1. Equipment obtained under IBRD loan processed on receipt, installed & training provided in maintenance & use							
2. In-country seminars & workshops in educational administration, curriculum development, equipment utilization and maintenance.	COMMENT: These are being carried out as needed. 225 (160 in agricultural education and 65 in T & I education) have been carried out to date with more scheduled.						
	COMMENT:						

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IV. PROJECT PURPOSE

A. 1. Statement of purpose as currently envisaged.

2. Same as in PROP? YES NO

Improve and expand the RTG institutionalized vocational education system to meet country's need for qualified workers by providing technical assistance in support a \$6 million IBRD loan for procurement of commodities.

B. 1. Conditions which will exist when above purpose is achieved.	2. Evidence to date of progress toward these conditions.
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Institutionalized capability to produce per annum, as per recommendations of RTG manpower studies and IBRD reviews, by 1972 at 25 schools using improved curriculum and facilities:

- a) 2,600 trade school graduates.
- b) 1,410 agricultural school graduates.
- c) 220 vocational teachers.

2,473 T & I students registered in 1970 scheduled to graduate 1973.

1,644 agricultural students registered in 1970 scheduled to graduate in 1973.

MQE records show 310/^{new}students registered at Thewes and Bangpra in 1970. They should graduate in 1973.

V. PROGRAMMING GOAL

A. Statement of Programming Goal

To alleviate the shortage, both in quantity and quality, of semi-skilled and technical personnel for agricultural and industrial production by improving and expanding the vocational education being provided in Thailand.

B. Will the achievement of the project purpose make a significant contribution to the programming goal, given the magnitude of the national problem? Cite evidence.

The project was planned to develop an institutionalized vocational education system which would train a portion of the nation's manpower needs. If the vocational education system expands and improves as expected, it should make a significant contribution to the programming goal. It must be remembered that institutionalized vocational education is a portion of the total manpower development program and must be coordinated with the other sources of training. Although it is too early in the project to get a good indication of the effectiveness of the new vocational education system, placement of graduates of the vocational schools and teacher training colleges indicate that the project is on course towards achieving what it was intended to do.