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PROJECT APPRAISAL REPORT (PAR)

1. PROJECT NO. 498-11-660-114	2. PAR FOR PERIOD June, 1971 TO June 30, 1975	3. COUNTRY Subsidiary East Asia Regional	4. PAR SERIAL NO. 76-1 <i>Sp</i>
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Asian Institute of Technology (AIT)

6. PROJECT DURATION: Began FY 1960 Ends FY 1975	7. DATE LATEST PROP March 27, 1970	8. DATE LATEST PIP -	9. DATE PRIOR PAR July 1, 1971
10. U.S. FUNDING	a. Cumulative Obligation This FY: \$ 10,889,613	b. Current FY Estimated Budget: \$ -	c. Estimated Budget to completion After Current FY: \$ -

11. KEY ACTION AGENTS (Contractor, Participating Agency or Voluntary Agency)

a. NAME	b. CONTRACT, PASA OR VOL. AG. NO.
Colorado State University (CSU)	ICAC-1290
"	11-59 to 12-66
"	AID/fe-281
"	12-66 to 8-75

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		
			N/A	

D. RE-PLANNING REQUIRES: PROP PIP PRO AG PIO/T PIO/C PIO/P

E. DATE OF MISSION REVIEW

PROJECT MANAGER: TYPED NAME, SIGNED INITIALS AND DATE
Robert E. Gaul, RED *RE* **May 7, 1976**

MISSION DIRECTOR: TYPED NAME, SIGNED INITIALS AND DATE
Louis A. Cohen, Acting **May 10, 1976**

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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			OUTSTANDING		LOW		MEDIUM		HIGH
	1	2	3	4	5	6	7	1	2	3	4	5
1. Colorado State University (CSU)					X							X
2.												
3.												

Comment on key factors determining rating CSU played a generally highly satisfactory (outstanding in some respects) role in raising AIT to its present level of effectiveness and high international status. Specifically, CSU's resident faculty contributed significantly and directly to AIT's development over the sixteen-year contract period. Less satisfactory performance by CSU must be noted in both the tardiness of submissions and the generally non-substantive content of the semi-annual reports. Additionally, the CSU final contract report was five months late. Some CSU faculty during the last year of the contract left an impression at AIT that suggested the USG was ending the AID/CSU contract precipitously. Further, some CSU faculty participated in the successful struggle to oust the Institute's President, such behavior being contrary to an objective of the CSU team: "to advise and assist the President of the Institute."

4. PARTICIPANT TRAINING	1	2	3	4	5	6	7	1	2	3	4	5
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Comment on key factors determining rating

N/A

5. COMMODITIES	1	2	3	4	5	6	7	1	2	3	4	5
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Comment on key factors determining rating

Books and journals contributed to AIT through the contract make up about 80% of the Library total. These were well-selected and repose in the first-class AIT Library which was very capably directed for many years by a contract team member.

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

Comment on key factors determining rating

While support for AIT comes from many governments it is doubtful if AIT could have survived without the excellent support it has received from the host government since its earliest days. RTG provided the 400 acres of land plus \$1 million towards construction of the new campus. RTG also provides the Customs exemptions for imported commodities for AIT, facilitates entry of students from 22 countries, provides 10 direct-hire AIT faculty members, and 10 "King's Scholarships" annually (not restricted to use by Thai students).

The 1975 RTG input is valued at U.S.\$685 thousand, composed of capital construction funds, operating grant, tax reimbursement, and King's Scholarships.

7. OTHER DONORS	1	2	3	4	5	6	7	1	2	3	4	5
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(See Next Page for Comments on Other Donors)

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

15 nations, 8 international organizations, 17 business organizations, 5 foundations, and 5 "others" contribute to AIT in varying ways such as seconded faculty (28 from 10 countries), funding of scholarships (270 in 1974-75 school year), and granting of equipment, buildings, and cash.

III. KEY OUTPUT INDICATORS AND TARGETS

A. QUANTITATIVE INDICATORS FOR MAJOR OUTPUTS		TARGETS (Percentage/Rate/Amount)					
		CUMULATIVE PRIOR FY	CURRENT FY		FY 76	FY 77	* END 9/6/30/ FISCAL YEAR 75)
			TO DATE	TO END			
<u>Professional Staff</u> International faculty and administrators (1974-75 school year)* (figures = "full-time equivalent")	PLANNED	-	-	-	56	70	-
	ACTUAL PERFORMANCE	-	-	-	-	-	-
	REPLANNED	-	-	-	-	-	-
<u>Student enrollment</u> (Jan-May, 1975 term)* (figures = "full-time equivalent")	PLANNED	-	-	-	315	380	-
	ACTUAL PERFORMANCE	-	-	-	-	-	-
	REPLANNED	-	-	-	-	-	-
<u>Graduates (Diploma, D. Engr., M. Engr., D. Sci.)</u> (Cumulative, including May, 1975 graduates)*	PLANNED	-	-	-	1,160	1,400	-
	ACTUAL PERFORMANCE	-	-	-	-	-	-
	REPLANNED	-	-	-	-	-	-
<u>Total scholarships available</u> (1974-75 school year)*	PLANNED	-	-	-	340	400	-
	ACTUAL PERFORMANCE	-	-	-	-	-	-
	REPLANNED	-	-	-	-	-	-
B. QUALITATIVE INDICATORS FOR MAJOR OUTPUTS		COMMENT:					
1. Quality of faculty and Program		Curriculum has steadily expanded. Faculty/program quality now regarded by Asians as equivalent to first-class western institutions. Focus kept on Asian problems.					
2. Quality of Students		COMMENT: AIT consistently able pick best applicants. Of 786 who applied 1974-75 school year, only 180 were accepted. Curriculum known as difficult, but that successful completion is monetarily rewarding. On campus availability English language instruction definite "plus factor", as otherwise highly-qualified applicants may now be admitted.					
3. Alumni		COMMENT: 92% of AIT graduates are employed in Asia, about 3% pursuing training outside Asia, and remainder employed outside Asia. Obviously, "brain drain" from Asia has not significantly involved AIT graduates.					

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IV. PROJECT PURPOSE

1. Statement of purpose ~~has been completed~~. 2. Same as in PROP? YES NO

Support expansion and strengthening of AIT as regional center of excellence in graduate engineering education.

B. 1. Conditions which will exist when above purpose is achieved.	2. Evidence to date of progress toward these conditions.
1. Self-sustaining institution	AIT is presently supported by 15 governments and 35 non-govt. organizations, such support being given in several forms such as cash, commodities, and seconded faculty. The AIT reputation in Asia is excellent, particularly in the most important aspect: quality of training. It is that reputation in particular that engenders a very positive outlook for AIT self-sustainability.
2. Relevance of training and research to Asian development	Evident in AIT Catalog, in extensive AIT research Summary published annually, and in feedback concerning professional activities and accomplishments of alumni.
3. International Staff and faculty	Present staff and faculty has first-class reputation. The faculty is a mix of seconded and direct-hire individuals from 20 nations.
4. Students	AIT, with students from 23 countries, is presently considered by Asian undergraduate engineering students as a very desirable, though academically demanding, place to pursue graduate work.

V. PROGRAMMING GOAL

A. Statement of Programming Goal

Goal: To raise the level of cooperation among SEAsian institutions and governments.

Sub Goal: To alleviate common regional engineering constraints.

B. Will the achievement of the project purpose make a significant contribution to the programming goal, given the magnitude of the ~~problem~~ ^{regional} problem? Cite evidence.

- Yes, in view of importance of engineering to the development needs of countries in SEAsia, CSU team's input towards establishing a viable regional graduate engineering educational institution (AIT) to meet those needs is recognized as a significant achievement.
- CSU's role at AIT and predecessor institution, SEATO Graduate School of Engineering, covered an almost-16 year period significant in overall development of Asian regional cooperation.
- CSU staff's long-term presence (and knowledge by most observers that the CSU group, which numbered as high as 13, would be a high-quality element of stability/continuity over the long term) contributed significantly to present enrollment of a student body representing 23 countries; present international faculty representing 20 countries; the International Board of Trustees from 18 countries; and diverse academic programs which offer diplomas and degrees at both masters and doctoral levels.

AIRGRAM

DEPARTMENT OF STATE

UNCLASSIFIED

CLASSIFICATION

For each address check one ACTION | INFO

DATE REC'D.

TO - AID/W TOAID A- 100

MAY 24 PM

DATE SENT

5-17-76

DISTRIBUTION

ACTION

INFO.

MAIL ROOM

35 W

FROM - BANGKOK(RED)

M.O. 11652 - H/A

SUBJECT - Transmittal of PAR on CSU Contract AID/fe-281

REFERENCE -

1. Attached is the terminal Project Appraisal Report(PAR) concerning performance of the AID-funded Colorado State University(CSU) contract team at the Asian Institute of Technology(AIT), Bangkok, Thailand. AIT is a regional institution granting post-graduate degrees in Engineering and allied sciences.
2. In addition to the \$10,889,613 net cumulative obligation funded directly through the AID/CSU contract, an additional \$2.75 million was obligated through the AIT Project. The latter amount was for the purpose of funding part of the construction of the new AIT campus in 1971-72.

WHITEHOUSE

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DRAFTED BY REGaul:st	OFFICE RED	PHONE NO. 2512984	DATE 17 MAY 76	APPROVED BY: Louis A. Cohen, RED Acting Director
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A. I. D. AND OTHER CLEARANCES
RED:WWBoehm(draft)

DIST. AMB, DCM, ECON, FILES,
USOM, RED-5, CHRON, RF.

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