

3060093(9) 2

AID 1020-25 (7-68)

PROJECT APPRAISAL REPORT (PAR)
(U-446) See M.O. 1026.1

SECURITY CLASSIFICATION: **Unclassified**

001 PROJECT NUMBER: **306-11-680-093 (Fac. of Engr.)**

002 PAR AS OF: MO. **04** DAY **01** YR. **70** 003 U.S. OBLIGATION SPAN: FY **66** Thru FY **72** 004 PROJECT TITLE: **Technical Education PD-AAC-450-C1 FACULTY OF ENGINEERING 2**

008 COOPERATING COUNTRY - REGION - AID/W OFFICE: **AFGHANISTAN**

006 FUNDING TABLE

AID DOLLAR FINANCING-OBLIGATIONS (\$000)	TOTAL	CONTRACT (NON-ADD)	PERSONNEL SERVICES			PARTICIPANTS		COMMODITIES		OTHER COSTS	
			AID	PASA	CONTRACT	DIR. PASA	CONTRACT	DIR. PASA	CONTRACT	DIR. PASA	CONTRACT
CUMULATIVE NET THRU ACTUAL YEAR (FY 1969)	5657	5451	20	-	3759	51	696	110	710	25	286
PROPOSED OPERATIONAL YEAR (FY 1970)	430	366	-	-	366	12	-	52	-	-	-

CCC VALUE OF P.L. 480 COMMODITIES (\$000) → Thru Actual Year : **None** Operational Year Program : **None**

007 IMPLEMENTING AGENCY TABLE

If contractors or participating agencies are employed, enter the name and contract or PASA number of each in appropriate spaces below; in the case of voluntary agencies, enter name and registration number from M.O. 1551.1, Attachment A. Enter the appropriate descriptive code in columns b and c, using the coding guide provided below.

TYPE CODE b	TYPE CODE c	a. IMPLEMENTING AGENCY	TYPE CODE		d. CONTRACT/PASA/VOLAG NO.	e. LEAVE BLANK FOR AID/W USE
			b.	c.		
1. U.S. CONTRACTOR	0. PARTICIPATING AGENCY	1. Education Development Center Inc.	1	2	AID/nesa-76	
2. LOCAL CONTRACTOR	1. UNIVERSITY					
3. THIRD COUNTRY CONTRACTOR	2. NON-PROFIT INSTITUTION					
4. PARTICIPATING AGENCY	3. ARCHITECTURAL & ENGINEERING	2.				
5. VOLUNTARY AGENCY	4. CONSTRUCTION	3.				
6. OTHER:	5. OTHER COMMERCIAL					
	6. INDIVIDUAL					
	7. OTHER:					

PART I - PROJECT IMPACT

I-A. GENERAL NARRATIVE STATEMENT ON PROJECT EFFECTIVENESS, SIGNIFICANCE & EFFICIENCY.

This summary narrative should begin with a brief (one or two paragraph) statement of the principal events in the history of the project since the last PAR. Following this should come a concise narrative statement which evaluates the overall efficiency, effectiveness and significance of the project from the standpoint of:

- (1) overall performance and effectiveness of project implementation in achieving stated project targets;
- (2) the contribution to achievement of sector and goal plans;
- (3) anticipated results compared to costs, i.e., efficiency in resource utilization;
- (4) the continued relevance, importance and significance of the project to country development and/or the furtherance of U.S. objectives.

Include in the above outline, as necessary and appropriate, significant remedial actions undertaken or planned. The narrative can best be done after the rest of PART I is completed. It should integrate the partial analyses in I-B and I-C into an overall balanced appraisal of the project's impact. The narrative can refer to other sections of the PAR which are pertinent. If the evaluation in the previous PAR has not significantly changed, or if the project is too new to have achieved significant results, this Part should so state.

008 NARRATIVE FOR PART I-A (Continue on form AID 1020-25 I as necessary):

Beginning in 1963 the development of the Faculty of Engineering has been well planned, well implemented, and has achieved regular programmed target objectives. The performance of the contractor, EDC, continues to be very good, target objectives have been clearly defined and recognizable step-by-step progress has been made in achieving objectives.

MISSION DIRECTOR APPROVAL → SIGNATURE: *[Signature]* DATE: **6/30/70**

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306-11-660-093 (Fac. of Engr.)**PAR CONTINUATION SHEET**

This sheet is to be used for any Narrative Sections for which sufficient space has not been provided on the form. Identify each narrative by its Part and Section Designation.

008 NARRATIVE FOR PART 1-A

Commodity purchases have been wisely handled and commodity purchases have been based on a sound plan. The equipment has been installed and is being used for the purposes planned.

During the past year, the Faculty of Engineering has taken an increasing role in the industrial development of the country, particularly as to technical advice, industry planning and faculty-industry cooperation. Currently, members of the Faculty and students are involved in surveying, architectural planning, and engineering design assistance for a new industrial plant in Kabul. Several research projects such as water testing, irrigation planning, and concrete testing are industry oriented and industry-Faculty financed. The Helmand-Arghandab Valley Authority is seeking both student and professional faculty advice in its current development, particularly in joint comprehensive training programs for both students and current workers.

During the past year, the Faculty of Engineering decided to increase the student enrollment beyond the 400 planned by both having large classes and adding an extra option (architecture) utilizing their own resources and other donor agencies. Figures under student enrollment reflect this new planning and are shown in the PROP, since it is a faculty development. However, USAID's support will continue to be geared to the development of a Faculty for a student enrollment of 400.

The student demonstrations followed by the closing of the University for a major portion of this past year (May-November 1969) was a somewhat disrupting factor in the Faculty of Engineering operation (See 092).

The relevance of the development of the Faculty of Engineering to country economic and industrial development is fully recognized. As other RGA/USAID project objectives develop, e.g., USAID/A's assistance in the development of small industries, the Faculty of Engineering graduates should become even more in demand.

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PART I-B - PROJECT EFFECTIVENESS

I-B-1 - OUTPUT REPORT AND FORECAST - (See detailed instructions)

1. CODE NO. AID/W USE ONLY	2. This section is designed to record progress toward the achievement of each project output target which was scheduled in the PIP, Part II. Where progress toward a target is significantly greater or less than scheduled, describe reason(s) beneath the target.	3. ACTUAL AND PLANNED OUTPUTS (ALL DATA CUMULATIVE)				6. PROJECTED TOTAL FOR PROJECT LIFE
		3 ACTUAL CUM. TO DATE	4. AS OF PRIOR JUNE 30 1969		5 PLANNED BY NEXT JUNE 30 1970	
			a. PLANNED	b. ACTUAL		
	I. Number of Graduates					
	a. Civil Engineering (More students were admitted than anticipated)	263	265	263	320	575
	b. Mechanical Engineering	167	135	167	154	252
	c. Electrical Engineering	45	40	45	52	106
	d. Agricultural Engineering	41	34	41	48	102
	e. Architecture*	10	6	10	18	57
		0	0	0	0	20
	II. a. Master of Science Graduates (No longer part of the program. Decision made that the graduate program would not be a part of USAID assistance. Figures shown are Faculty plans.)	0	0	0	0	18
	b. Number of Trained Staff Members	22	22	22	23	44
	1. Civil Engineering	9	9	9	9	15
	2. Mechanical Engineering	4	4	4	4	8
	3. Electrical Engineering	3	3	3	3	7
	4. Architecture*	2	2	2	2	2
	5. Physics	1	1	1	1	4

*Architecture not part of USAID assistance. Figures shown are Faculty plans.

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PART I-B - PROJECT EFFECTIVENESS

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		3 ACTUAL CUM. TO DATE	4. AS OF PRIOR JUNE 30		5 PLANNED BY NEXT JUNE 30	
			a. PLANNED	b. ACTUAL		
	6. Chemistry	1	1	1	1	3
	7. Mathematics	1	1	1	1	3
	8. English	1	1	1	1	3
	III. Number of Trained Supporting Staff Members	6	6	6	11	15
	a. Business Office	1	1	1	3	5
	b. Shop	3	3	3	4	5
	c. Laboratories	2	2	2	4	5
	(The host country has had difficulty in identifying enough people to be trained.)					
	IV. Student Enrollment (annual)	NA				
	a. 1st year	NA	125	124	140	140
	b. 2nd year	NA	100	74	115	115
	c. 3rd year	NA	75	67	79	100
	d. 4th year	NA	60	56	60	90
	e. 5th year	NA	0	0	50	80
	Total		360	321	435	525
	(Total enrollment figures are greater than USAID responsibility per PROP Page 8 and PIP, Part II, because of the addition of an architecture option and the RGA decision to possibly increase the Faculty beyond 400. PROP total of 400 includes only four options: Mechanical, Electrical, Civil and Agricultural Engineering.) (See also I-A Narrative)					
	V. Building Completed					
	a. Engineering Annex	0	0	0	1	1
	b. Seismic Station	1	1	1	1	1
	VI. Classrooms Provided	6	6	6	12	12

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PART I-B - PROJECT EFFECTIVENESS

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		3. ACTUAL CUM. TO DATE	4. AS OF PRIOR JUNE 30 1970		5. PLANNED BY NEXT JUNE 30 1970	
			a. PLANNED	b. ACTUAL		
	VII. Laboratories Established					
	1) Chemistry Extension	9	9	9	9	14
		1	1	1	1	1
	VIII. Engineering Central Storeroom established	0	0	0	1	1
	IX. New Engineering Curricula Established	5	5	5	5	5
	1) Agriculture	1	1	1	1	1
	2) Mechanical	1	1	1	1	1
	3) Civil	1	1	1	1	1
	4) Electrical	1	1	1	1	1
	5) Architecture (Not part of USAID assistance)	1	1	1	1	1
	X. 1) Extension Courses Taught (annual)	1	1	1	2	4
	2) Research Reports Completed	2	3	0	5	23
	3) Teaching Load of USET Staff (%)	30%	30%	30%	30%	0%
	XI. 1) Teaching Load of Afghan Staff (5)	70%	70%	70%	70%	100%
	(Teaching by Afghan staff will show rapid rise during last two years of activity when larger numbers of trained staff members will have returned from participant training.)					
	2) Pre-Engineering Enrollment (annual)	0	157	125	0	150
	(The Pre-Engineering Program could be conducted in the 1969-70 winter season because the University was in session as a result of the closing of the University in the summer of 1969.)					
	3) Afghans serving as Faculty Committee Chairmen	7	6	7	7	10
	XII. 1) Textbooks Supplies	12,031	12,000	12,031	12,500	14,000
	2) Reference Books Supplied to Library	811	1,800	811	2,300	3,800
	(The books have not yet been turned over to the library)					

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PART I-B - PROJECT EFFECTIVENESS

I-B-1 - OUTPUT REPORT AND FORECAST - (See detailed instructions)

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		3 ACTUAL CUM. TO DATE	4. AS OF PRIOR JUNE 30		5 PLANNED BY NEXT JUNE 30 1970	6. PROJECTED TOTAL FOR PROJECT LIFE
			a. PLANNED	b. ACTUAL		
	<p style="text-align: center;">Central University</p> <p>XIII. 1) Periodicals Supplied to Library</p> <p>2) Technical Material in Simplified English</p> <p>XIV. 1) Conduct Engineering Manpower Survey</p> <p>2) Develop Advisory Program in Placement of Graduates</p>	<p>10</p> <p>1</p> <p>1</p> <p>0</p>	<p>10</p> <p>2</p> <p>1</p> <p>0</p>	<p>10</p> <p>1</p> <p>1</p> <p>0</p>	<p>15</p> <p>3</p> <p>1</p> <p>1</p>	<p>20</p> <p>6</p> <p>1</p> <p>1</p>

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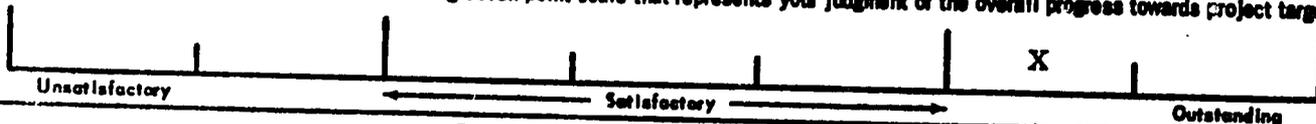
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PART I-B - Continued

010

B.2 - OVERALL ACHIEVEMENT OF PROJECT TARGETS

Place an "X" within the bracket on the following seven-point scale that represents your judgment of the overall progress towards project targets:



PART I-C - PROJECT SIGNIFICANCE

011

C.1 - RELATION TO SECTOR AND PROGRAM GOALS (See detailed instructions M.O. 1026.1)

This section is designed to indicate the potential and actual impact of the project on relevant sector and program goals. List the goals in col. b and rate potential and actual project impact in cols. c and d.

a. CODE NO. (AID/W USE ONLY)	SCALE FOR COLUMN c: 3= Very Important; 2= Important; 1= Secondary importance SCALE FOR COLUMN d: 3= Superior/Outstanding; 2= Adequate/Satisfactory/Good; 1= Unsatisfactory/Marginal	c. POTENTIAL IMPACT ON EACH GOAL IF PROJECT ACHIEVES TARGETS	d. ACTUAL IMPACT ON GOAL TO DATE RELATIVE TO PROGRESS EXPECTED AT THIS STAGE
	b. SECTOR AND PROGRAM GOALS (LIST ONLY THOSE ON WHICH THE PROJECT HAS A SIGNIFICANT EFFECT)		
	(1) To create an educational system dedicated to producing a new generation with the skills, attitudes and values required in a more dynamic and modernizing environment	2	2
	(2) Through the development of the Faculty of Engineering to help build an efficiently administered, self-sustaining, self-improving national university.	3	3
	(3)		
	(4)		

For goals where column c. is rated 3 or 2 and column d. is rated 1, explain in the space for narrative. The narrative should also indicate the extent to which the potential impacts rated 3 or 2 in column c. are dependent on factors external to the achievement of the project targets, i.e., is there a substantial risk of the anticipated impact being forestalled by factors not involved in the achievement of project targets. If possible and relevant, it also would be useful to mention in the narrative your reading of any current indicators that longer-term purposes, beyond scheduled project targets, are likely or unlikely to be achieved. Each explanatory note must be identified by the number of the entry (col. b) to which it pertains.

012 NARRATIVE FOR PART I-C.1 (Continue on form AID 1020-25 I):

Permanency of the Faculty's present high status in the University must rest ultimately on improvement of the lower levels of schooling throughout Afghanistan, especially at the secondary level, so that the schools can produce the kind and caliber of student required by the Faculty for its entering class.

Classes at the Faculty are held in English. The ability to secure either qualified Afghan or a suitable number of Peace ^{Corps} Volunteers as teachers of English has been and continues to be a problem. Since English is, in effect, the language of engineers throughout the world, its deterioration as a medium of instruction at the Faculty would have a detrimental effect on project achievements.

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PART I-C - Continued

C.2 - GENERAL QUESTIONS

These questions concern developments since the prior PAR. For each question place "Y" for Yes, "N" for No, or "NA" for Not Applicable in the right hand column. For each question where "Y" is entered, explain briefly in the space below the table.	MARK IN THIS COL.
013 Have there been any significant, unusual or unanticipated results not covered so far in this PAR?	Y
014 Have means, conditions or activities other than project measures had a substantial effect on project output or accomplishments?	Y
015 Have any problems arisen as the result of advice or action or major contributions to the project by another donor?	N
016 If the answer to 014 or 015 is yes, or for any other reason, is the project now less necessary, unnecessary or subject to modification or earlier termination?	N
017 Have any important lessons, positive or negative, emerged which might have broad applicability?	N
018 Has this project revealed any requirement for research or new technical aids on which AID/W should take the initiative?	N
019 Do any aspects of the project lend themselves to publicity in newspapers, magazines, television or films in the United States?	N
020 Has there been a lack of effective cooperating country media coverage? (Make sure AID/W has copies of existing coverage.)	N

021 NARRATIVE FOR PART I-C.2 Identify each explanatory note by the number of the entry to which it pertains. (Continue on form AID 1020-25 I as necessary):

- 013 - the Seismic Station - The Kabul University Seismic Station was built and developed through an AID grant with the assistance and participation of the U.S. Coast and Geodetic Survey. The Station is completed and in full operation with the staff trained during the period of development. The problem of maintaining a fully trained staff in the future is not yet solved.
- 014 - The University being closed during a major portion of this year retarded somewhat the planned development for the year. (See 092)

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PART II - IMPLEMENTATION REPORT

II-A - STATUS OF SCHEDULE

022 A-1 - INDIVIDUAL ACTIONS (See detailed instructions M.O. 1026.1). This is a listing of major actions or steps which were scheduled for physical start or continuing implementation in the reporting period as reflected in the Project implementation Plan, Part I.

PIP ITEM NO.	MAJOR ACTIONS OR STEPS; CAUSES AND RESULTS OF DELAYS; REMEDIAL STEPS	(b) STATUS - PLACE AN "X" IN, ONE COLUMN		
		(1) BEHIND SCHEDULE	(2) ON SCHEDULE	(3) AHEAD OF SCHEDULE
		1	<p>Recruit USET staff members</p> <p>The Contractor, Education Development Center (EDC), provides the following advisors to work in their appropriate field with Afghan counterparts"</p> <p>Mechanical Engineering Advisor I Advisor II Advisor III</p> <p>Civil Engineering Advisor I Advisor II Advisor III</p> <p>Electrical Engineering Advisor</p> <p>Science Math Advisor I Advisor II</p> <p>Program Director</p> <p>Administrative Assistant</p> <p>Technician</p>	
2	Develop procedures for selecting participants and monitoring their performance		X	
3	Select participants and supervise U.S. training		X	

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PART II - IMPLEMENTATION REPORT

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022 A-1 - INDIVIDUAL ACTIONS (See detailed instructions M.O. 1026.1). This is a listing of major actions or steps which were scheduled for physical start or continuing implementation in the reporting period as reflected in the Project Implementation Plan, Part I.

(a)

PIP ITEM NO.	MAJOR ACTIONS OR STEPS; CAUSES AND RESULTS OF DELAYS; REMEDIAL STEPS		(b) STATUS - PLACE AN "X" IN, ONE COLUMN		
			(1) BEHIND SCHEDULE	(2) ON SCHEDULE	(3) AHEAD OF SCHEDULE
	<u>Staff Studying Abroad</u>	<u>Program</u> <u>Field</u>			
*1)	Ayas, Mohd. Tahir	Post-Grad. CE		X	(Completed)
2)	Baha, Zerjan	Post-M.S. CE		X	
3)	Bahrami, Abdul Azim	M.S. CE/Surveying		X	(Completed)
*4)	Dastagirzada, M.	Post-Grad. Architecture		X	(Completed)
*5)	Jamil, Abdul	M.S. Agricultural		X	(Completed)
6)	Nasir, Ghulam Ahmad	Ph.D. CE		X	(Completed)
7)	Natik, Ghulam Nabi	M.S. Graphics		X	(Completed)
8)	Pashtoon, Nazir Ahmad	M.S. EE		X	(Completed)
*9)	Saleem, A.R.	Post-Grad. CE		X	(Completed)
10)	Sayar, Bashir Ahmad	Ph.D. ME		X	(Completed)
11)	Sultany, Wazir Mohd.	M.S. EE		X	
12)	Wardak, Soor Gul	Post-Grad. CE		X	
	* -- Non-USET Participantship				
	Doubt				
	<u>Student Participants Abroad (Prospective Staff Members)</u>				
		<u>Program</u> <u>Field</u>			
1)	Ansari, Assad Allah	B.S. EE		X	
2)	Ebadi, Yar Mohd.	M.S. ME		X	
3)	Haider, Mohd. Ishaq	B.S. Chem. E.		X	
4)	Kabir, Mohd. Omar	B.S. ME		X	
5)	Kakar, Abdullah	B.S. EE		X	
6)	Kapoor, Wishwa Nath	B.S. Chem. E.		X	

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PART II - IMPLEMENTATION REPORT

II-A - STATUS OF SCHEDULE

022 A-1 - INDIVIDUAL ACTIONS (See detailed instructions M.O. 1026.1). This is a listing of major actions or steps which were scheduled for physical start or continuing implementation in the reporting period as reflected in the Project Implementation Plan, Part I.

PIP ITEM NO.	MAJOR ACTIONS OR STEPS; CAUSES AND RESULTS OF DELAYS; REMEDIAL STEPS	(b) STATUS - PLACE AN "X" IN ONE COLUMN		
		(1) BEHIND SCHEDULE	(2) ON SCHEDULE	(3) AHEAD OF SCHEDULE
	Student Participants Abroad (cont'd)			
	<u>Program</u> <u>Field</u>			
	7) Musazay, Mohd. Saber B.S. Science		x	
	8) Samizay, Mohd. Raff B.Arch. Arch.		x	
	9) Shakill, Amin M.S. ME		x	
	10) Tokh, Aziz Ahmad B. Arch. Arch.		x (Completed)	
	11) Tschand, Suraj Parkash B.S. Applied Math		x	
	12) Zalmai, Ghulam J. B.S. Industrial		x (Completed)	
	*13) Zeerak, Azizullah B.S. EE		x (Completed)	
	*14) Abdullah, Said		x(Completed)	
	*Non-USET Partipantship			
4	Select and locally train supporting staff (Recommendations have been made but not yet acted on. A University Committee is presently studying the problem.)		x	
5	Develop a testing procedure for selection of students		x	
6	Promote an acceptable university policy for staff salaries and fringe benefits		x	
7	Promote a placement policy for graduates		x	
8	Promote an engineering manpower survey		x	
9	Promote an alumni organization		x	
10	Complete Seismic Station		x	
11	Complete Engineering Annex (Now two years behind schedule - The problem is caused by RGA/contractor legal difficulties.)	x		

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PART II - IMPLEMENTATION REPORT

II-A - STATUS OF SCHEDULE

022 A-1 - **INDIVIDUAL ACTIONS** (See detailed instructions M.O. 1026.1). This is a listing of major actions or steps which were scheduled for physical start or continuing implementation in the reporting period as reflected in the Project implementation Plan, Part I.

(a) PIP ITEM NO.	MAJOR ACTIONS OR STEPS; CAUSES AND RESULTS OF DELAYS; REMEDIAL STEPS	(b) STATUS - PLACE AN "X" IN, ONE COLUMN		
		(1) BEHIND SCHEDULE	(2) ON SCHEDULE	(3) AHEAD OF SCHEDULE
12	Install furniture in extension to Chemistry Laboratory		X	
13	*Establish a physical metallurgy laboratory	X		
14	*Establish a mapping and surveying laboratory	X		
15	*Install basic laboratory equipment in annex	X		
16	*Plan and install new engineering shops	X		
	*Items 13, 14, 15, 16 behind schedule. Second Engineering Building completion behind schedule - reasons listed ll above.			
17	Establish a unit operations laboratory		X	
18	Establish an analytical and physical chemistry laboratory		X	
19	Procure supplementary equipment for laboratory		X	
20	Procure supplies for laboratories and shop		X	
21	Procure textbooks		X	
22	Provide basic reference books and publications for library		X	
23	Provide technical materials in simplified English		X	
24	Develop maintenance program for laboratories and shop (Slowed by lack of Afghan personnel.)	X		
25	Establish a curriculum on Agricultural Engineering		X	
26	Develop cooperative curriculum on Architecture		X	
27	Develop 5-year curricula on all subjects		X	(completed)
28	On-the-job training for Afghan staff members		X	
29	Develop and assist in a pre-engineering program		X	
30	Develop and assist in a 6-month practical training program		X	

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PART II - IMPLEMENTATION REPORT

II-A - STATUS OF SCHEDULE

022 A-1 - INDIVIDUAL ACTIONS (See detailed instructions M.O. 1026.1). This is a listing of major actions or steps which were scheduled for physical start or continuing implementation in the reporting period as reflected in the Project Implementation Plan, Part I.

(a)		(b) STATUS - PLACE AN "X" IN, ONE COLUMN		
PIP ITEM NO.	MAJOR ACTIONS OR STEPS; CAUSES AND RESULTS OF DELAYS; REMEDIAL STEPS	(1)	(2)	(3)
		BEHIND SCHEDULE	ON SCHEDULE	AHEAD OF SCHEDULE
31	Develop a program of applied research		X	
32	Develop extension classes in engineering		X	
33	Develop a faculty administrative structure (Current University leadership difficulties may cause future delay)		X	
34	Develop a 2-year graduate program (Not now a part of USAID responsibility)			
35	Set up seminar and symposium system		X	
36	Teach courses where no suitable Afghan is available		X	

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PART II - Continued

023

II-A.2 - OVERALL TIMELINESS

In general, project implementation is (place an "X" in one block):

(a) On schedule		
(b) Ahead of schedule		X
(c) Behind schedule		
(1) AID/W Program Approval		
(2) Implementing Agency (Contractor/Participating Agency/Voluntary Agency)		
(3) Technicians		
(4) Participants		
(5) Commodities (non-FFF)		
(6) Cooperating Country		
(7) Commodities (FFF)		
(8) Other (specify):		

BLOCK (c): If marked, place an "X" in any of the blocks one thru eight that apply. This is limited to key aspects of implementation, e.g., timely delivery of commodities, return of participants to assume their project responsibilities, cooperating country funding, arrival of technicians.

II-B - RESOURCE INPUTS

This section appraises the effectiveness of U.S. resource inputs. There follow illustrative lists of factors, grouped under Implementing Agency, Participant Training and Commodities, that might influence the effectiveness of each of these types of project resources. In the blocks after only those factors which significantly affect project accomplishments, write the letter P if effect is positive or satisfactory, or the letter N if effect is negative or less than satisfactory.

1. FACTORS-IMPLEMENTING AGENCY (Contract/Participating Agency/Voluntary Agency)

024 IF NO IMPLEMENTING AGENCY IN THIS PROJECT. PLACE AN "X" IN THIS BLOCK:		032 Quality, comprehensiveness and candor of required reports	P
		033 Promptness of required reports	
025 Adequacy of technical knowledge	P	034 Adherence to work schedule	
026 Understanding of project purposes	P	035 Working relations with Americans	
027 Project planning and management	P	036 Working relations with cooperating country nationals	P
028 Ability to adapt technical knowledge to local situation	P	037 Adaptation to local working and living environment	
029 Effective use of participant training element	P	038 Home office backstopping and substantive interest	P
030 Ability to train and utilize local staff	P	039 Timely recruiting of qualified technicians	
031 Adherence to AID administrative and other requirements	P	040 Other (describe):	

2. FACTORS-PARTICIPANT TRAINING

041 IF NO PARTICIPANT ELEMENT IN PROJECT. PLACE AN "X" IN THIS BLOCK:		TRAINING UTILIZATION AND FOLLOW UP	
PREDEPARTURE		052 Appropriateness of original selection	P
042 English language ability	P	053 Relevance of training for present project purposes	P
043 Availability of host country funding		054 Appropriateness of post-training placement	P
044 Host country operational considerations (e.g., selection procedures)		055 Utility of training regardless of changes in project	P
045 Technical/professional qualifications	P	056 Ability to get meritorious ideas accepted by supervisors	
046 Quality of technical orientation	P	057 Adequacy of performance	
047 Quality of general orientation		058 Continuance on project	P
048 Participants' collaboration in planning content of program		059 Availability of necessary facilities and equipment	
049 Collaboration by participants' supervisors in planning training	P	060 Mission or contractor follow-up activity	P
050 Participants' availability for training	P	061 Other (describe):	
051 Other (describe):			

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PART II-B - Continued

3. FACTORS-COMMODITIES

PLACE AN "X" IN APPROPRIATE BLOCK:	062 FFF	063 NON-FFF	X	064 NO COMMODITY ELEMENT	072 Control measures against damage and deterioration in shipment.	P
065 Timeliness of AID/W program approval (i.e., PIO/C, Transfer Authorization).					073 Control measures against deterioration in storage.	
066 Quality of commodities, adherence to specifications, marking.					074 Readiness and availability of facilities.	
067 Timeliness in procurement or reconditioning.					075 Appropriateness of use of commodities.	P
068 Timeliness of shipment to port of entry.					076 Maintenance and spares support.	P
069 Adequacy of port and inland storage facilities.					077 Adequacy of property records, accounting and controls.	P
070 Timeliness of shipment from port to site.					078 Other (Describe):	
071 Control measures against loss and theft.						

Indicate in a concise narrative statement (under the heading a. Overall Implementation Performance, below) your summary appraisal of the status of project implementation, covering both significant achievements and problem areas. This should include any comments about the adequacy of provision of direct hire technicians as well as an overall appraisal of the comments provided under the three headings (b, c & d) which follow. For projects which include a dollar input for generation of local currency to meet local cost requirements, indicate the status of that input (see Detailed Instructions).

Discuss separately (under separate headings b, c & d) the status of Implementing Agency Actions, Participants and Commodities. Where above listed factors are causing significant problems (marked N), describe briefly in the appropriate narrative section: (1) the cause and source of the problem, (2) the consequences of not correcting it, and (3) what corrective action has been taken, called for, or planned by the Mission. Identify each factor discussed by its number.

079 NARRATIVE FOR PART II-B: (After narrative section a. Overall Implementation Performance, below, follow, on form AID 1020-25 I as needed, with the following narrative section headings: b. Implementing Agency, c. Participants, d. Commodities. List all narrative section headings in order. For any headings which are not applicable, mark them as such and follow immediately below with the next narrative section heading.)

a. Overall Implementation Performance.

Since 1963, when the contractor began work, over-all implementation has been very satisfactory. The project is on schedule and is considered successful to date by both Afghans and Americans.

The Adequacy of Direct Hire Technical Support. One direct hire technician has been provided as support to both activities of Project 093: Faculty of Engineering and the Afghan Institute of Technology (AIT). the latter including advice and assistance to the Ministry of Education's Vocational Technical Education Department.

- b. Implementing Agency. The contractor, Education Development Center, has fielded the U.S. Engineering Team (USET) drawn from 11 consortium schools. Team staffing has continuously been up to authorized strength, and personnel have in the main been excellent. The consortium steering committee takes very active interest in the activities and problems of the project and is supportive of the team. Through the work of USET and its good relations with the Afghan faculty members, this Faculty has become one of the most prestigious at Kabul University. The consortium institutions provide participant training as planned by USET. USET has selected, acquired, and installed suitable equipment for the Faculty, and a maintenance program has been initiated.

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PAR CONTINUATION SHEET

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- c. Participants. Since the USET is drawn from consortium institutions, field personnel are familiar with study programs available in their respective institutions and placement and programs can be carefully planned. The participant training schedule is proceeding as planned.
- d. Commodities. The bulk of necessary commodities have already been obtained and are in use, except for items awaiting installation in the second engineering building which is nearing completion.

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PART III - ROLE OF THE COOPERATING COUNTRY

The following list of illustrative items are to be considered by the evaluator. In the block after only those items which significantly affect project effectiveness, write the letter P if the effect of the item is positive or satisfactory, or the letter N if the effect of the item is negative or less than satisfactory.

SPECIFIC OPERATIONAL FACTORS:	
080 Coordination and cooperation within and between ministries.	
081 Coordination and cooperation of LDC gov't. with public and private institutions and private enterprise.	
082 Availability of reliable data for project planning, control and evaluation.	P
083 Competence and/or continuity in executive leadership of project.	N
084 Host country project funding.	P
085 Legislative changes relevant to project purposes.	P
086 Existence and adequacy of a project-related LDC organization.	
087 Resolution of procedural and bureaucratic problems.	
088 Availability of LDC physical resource inputs and/or supporting services and facilities.	N
089 Maintenance of facilities and equipment.	N
090 Resolution of tribal, class or caste problems.	N
091 Receptivity to change and innovation.	
092 Political conditions specific to project.	P
093 Capacity to transform ideas into actions, i.e., ability to implement project plans.	N
094 Intent and/or capacity to sustain and expand the impact of the project after U.S. inputs are terminated.	
095 Extent of LDC efforts to widen the dissemination of project benefits and services.	N
096 Utilization of trained manpower (e.g., participants, counterpart technicians) in project operations.	
097 Enforcement of relevant procedures (e.g., newly established tax collection and audit system).	P
098 Other:	
HOST COUNTRY COUNTERPART TECHNICIAN FACTORS:	
099 Level of technical education and/or technical experience.	
100 Planning and management skills.	P
101 Amount of technician man years available.	
102 Continuity of staff.	
103 Willingness to work in rural areas.	
104 Pay and allowances.	N
105 Other:	N

In the space below for narrative provide a succinct discussion and overall appraisal of the quality of country performance related to this project, particularly over the past year. Consider important trends and prospects. See Detailed Instructions for an illustrative list of considerations to be covered.

For only those items marked N include brief statements covering the nature of the problem, its impact on the achievement of project targets (i.e., its importance) and the nature and cost of corrective action taken or planned. Identify each explanatory note.

106 NARRATIVE FOR PART III (Continue on form AID 1020-25 I):

The RGA has provided both in quality and quantity all that it was able under existing host country conditions, indicating interest in and support of this activity. Afghans will continue to take pride in this Faculty, and there is a clear trend toward increasing annual budgets for the University. The continuation of a strong and informed Afghan leadership for this Faculty will be necessary to secure adequate annual budgets from university funds.

The ability of the RGA to maintain a faculty at a quality level of operation, both academic and administrative, is a concern. The Mission is aware of this and has made provision in its planning and within joint planning with Afghan authorities to provide: 1) the methods for training future Afghan leadership; 2) an extensive participant and on-the-job training program for present and future Afghan staff; 3) a new physical plant adequate for present and future operations.

The Afghans have demonstrated their desire and intent to provide the proper support to ensure the maintenance of the Faculty at a satisfactory level in the future by 1) increasing each year the operating budget; 2) building a second engineering building at their expense; 3) assign

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ing top members of the freshman class to the Faculty of Engineering each year; 4) assigning to the Faculty staff some of the best men for training and; 5) stressing the position of prestige that the Faculty enjoys in both government and industrial circles.

Steps are now being taken by the Afghan staff at the FOE and by the USET advisors to ensure closer relations with industrial development and to encourage quality engineers with experience to either return to the Faculty or to be available on a part-time consulting basis. Other steps taken are:

1. A follow-up on all participants that have received foreign training is being compiled, both at the Faculty and at the USAID/Training Office.
2. As part of a senior research seminar under the direction of the Dean, a comprehensive "retrieval" register is being developed. From time to time, certain of the most capable of the men whose experience and qualifications are indicated in the register can be invited to return to the Faculty.
3. Joint Faculty of Engineering and industry committees have been formed to advise on a two-way basis on the development of the Faculty and the development of small industry.
4. An industry-faculty research program has been initiated to help provide an incentive for professional growth and academic advancement.

Judged by the above planning, the excellent progress to date, the demonstrated support provided by the RGA and the position in the entire economy enjoyed by the Faculty of Engineering, it is estimated that the Faculty of Engineering will be in a position to continue its development after project termination June 1973.

082 Afghanistan has neither a national census nor any broadly based manpower information on workers available or required. This has not been a handicap to planning for the achievement of targets for this project. However, the lack of this kind of information can become an important obstacle to future planning.

087 Several operating problems have had their roots in the procedural and bureaucratic problems of the government as a whole. Many procedures relating to funding, personnel and program are cumbersome and antiquated. Though the Dean of this Faculty has been unusually adept at dealing with some of the difficulties, they continue to exist, and their resolution is outside the province of this project. The Kabul University Administration project is tackling those problems which depend for their solution on University action.

088 and 089 The two difficulties with respect to these items have been: 1) the prolonged legal tangle between the RGA and the construction contractor which has caused long delays in completing the second engineering building and consequently not spending the

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funds earmarked for the building; and 2) the lack of the supporting services of middle-level technicians which has hampered the Faculty in carrying forward its maintenance program. The building is nearing completion and problem (2) is before the University Senate in the form of a detailed proposal prepared by the Dean of the Faculty of Engineering.

092 The student and faculty unrest leading finally to the closing of the University for a period of approximately 6 months had some retarding effect on the improvement of teaching procedures made in projects at the University during this period. However, a majority of the Afghan staff reported in to the University each day even though their attendance at meetings and their presence in their offices was irregular at times. Thus, the work on the development and preparation of instructional materials, in-service training activities with individuals and faculty groups, work in laboratories, related community projects and individual research continued throughout the period.

094 The intent of the Afghans to continue the support of this activity with adequate staff and facilities is very evident. However, the capacity to sustain Faculty development will depend on further increases of the material resources at the RGA's disposal. Both USAID and the Contractor will continue to make clear the nature and quantity of inputs required.

103 Kabul is the 'big city' in Afghanistan and Faculty graduates prefer to remain here. They will go to rural area development projects more willingly when the RGA provides salary incentives and social services (schools, medical facilities, housing, etc.) sufficient to make such assignments more attractive.

104 The pay scale at Kabul University is low when considered in terms of educational and professional requirements of the various positions. At the same time appointments at the University are on the civil service schedule plus a salary differential which places them above the scale received by other appointees in government. While this differential does not make the university payscale adequate, it places the University in a favorable competitive position for personnel with other units of government.

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PART IV - PROGRAMMING IMPLICATIONS

IV-A - EFFECT ON PURPOSE AND DESIGN

Indicate in a brief narrative whether the Mission experience to date with this project and/or changing country circumstances call for some adjustment in project purposes or design, and why, and the approximate cost implications. Cover any of the following considerations or others that may be relevant. (See Detailed Instructions for additional illustrative considerations.) Relevant experience or country situations that were described earlier can simply be referenced. The spelling out of specific changes should be left to the appropriate programming documents, but a brief indication of the type of change contemplated should be given here to clarify the need for change. For example, changes might be indicated if they would:

1. better achieve program/project purposes;
2. address more critical or higher priority purposes within a goal plan;
3. produce desired results at less cost;
4. give more assurance of lasting institutional development upon U.S. withdrawal.

107 NARRATIVE FOR PART IV-A (Continue on form AID 1020-25 I):

While there has been some disagreement between USAID on the one hand and the RGA and USET on the other regarding the Faculty's possible viability after major assistance terminates in June 1973, USAID does not recommend any change in either purpose or design at this time.

IV-B - PROPOSED ACTION

108 This project should be (Place an "X" in appropriate block(s)):

1. Continued as presently scheduled in PIP.	
2. Continued with minor changes in the PIP, made at Mission level (not requiring submission of an amended PIP to AID/W).	X
3. Continued with significant changes in the PIP (but not sufficient to require a revised PROP). A formally revised PIP will follow.	
4. Extended beyond its present schedule to (Date): Mo. ___ Day ___ Yr. ___. Explain in narrative, PROP will follow.	
5. Substantively revised. PROP will follow.	
6. Evaluated in depth to determine its effectiveness, future scope, and duration.	
7. Discontinued earlier than presently scheduled. Date recommended for termination: Mo. ___ Day ___ Yr. ___	
8. Other. Explain in narrative.	

109 NARRATIVE FOR PART IV-B:

This sub-project is scheduled to physically terminate by June 30, 1973. The question of some transitional assistance beyond 1973, however, should be addressed in the near future (See 107 above).

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