

AIKRAM

DEPARTMENT OF STATE

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35P
3060093 (16)
PD-AAC-453
DATE REC'D.

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TO - **KABUL AID/O A- 278** X

FROM - **AID/Washington**

SUBJECT - **PROP Approval. TECHNICAL EDUCATION. Proj. 506-11-660-093**
✓ (a) **Afghanistan Institute of Technology (AIT)**
(b) **Faculty of Engineering**

DATE SENT
11/20/69

2p.

~~REFERENCE~~

PROP approval documents are enclosed.

KABUL
HECTO
ATT

1. The PROP tables do not appear to present the full RGA contribution nor do they indicate an increasing rate of RGA contribution as would be expected during the years of declining U.S. assistance. Would the Mission comment?

2. The AIT appears to be developing into a Lycee and Junior College. We note references to the AIT's providing large numbers of students to the Faculty of Engineering and also the reference to the 13th year and proposed 14th year in the AIT itself. This was not the intent when the AIT was designed. Further reflecting the increase in aspirations is the Faculty of Engineering talk of wanting to develop a graduate school. We would assume they would want it to meet international standards. Another part of the equation is the USSR supported Polytechnic. Does the RGA have any way of projecting skilled manpower needs and could it be reasonably expected that such a projection would support this proliferation of skilled manpower training? More simply, can the graduates from these three institutions be utilized and if not what will they do? How would the Mission propose to assist the RGA in establishing the capability for ongoing evaluation of national manpower needs?

3. Planning for the Faculty of Engineering was based on assumption of a 400 enrollment figure. The PROP refers to an increase to 500 (25%)

Enclosures: PROP Approval documents
for subject project

PAGE 1 OF 2 PAGES

DRAFTED BY CGurney:wlk	OFFICE NESA/NE	PHONE NO. 29246	DATE 11/10/69	APPROVED BY: HLangmaid, NESA/NE
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AID AND OTHER CLEARANCES
NESA/DP:RBirnberg LCB **NESA/ID:BCNewbry** (auba) **NESA/ID:LPompa** [initials]
NESA/ENR:OHPolson INFO **NESA/CO:FBulton** [initials]

UNCLASSIFIED
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as "slight." Can the facilities accommodate this? At what cost to overall quality? Please comment on this in the forthcoming PAR.

4. How will the Direct Hire staffing pattern in Education be affected by the phaseout of these projects?

ROGERS

AIRGRAM

DEPARTMENT OF STATE 3060093 (17)

UNCLASSIFIED
CLASSIFICATION

PD-AAC-453 (100)

For each address check one ACTION | INFO

DATE REC'D.

TO - AID/W TOAID A- 289

1970 JUN 19 PM 3 36

DATE SENT

6/15/70

FROM - KABUL

AID
C & A - BK

SUBJECT: 1) PROP Approval Faculty of Agriculture 306-11-690-092
2) PROP Approval - Technical Education - Afghanistan
REFERENCE: Institute of Tech (AIT) Faculty of Engineering 306-11-690-093.1

REFS: (A) AIDTO A-280; (B) AIDTO A-278

Reference (A) - The Mission has under consideration the amount and kind of continuing U.S. assistance that will be appropriate beyond 1978.

Item 1, Ref. B:

The PROP tables for AIT present the full RGA contribution and an increasing rate of RGA contribution during the years of declining U.S. assistance.

The figures given in the PROP tables represent only the direct Faculty of Engineering budget. They do not include development expenditures for capital items such as the new buildings or University expenditures for administration, library, dormitory, etc. These figures are given in the ProAg for FY 69 (actual) and FY 70 (approx.). The ProAg figure for Faculty expenditure for FY 70 is \$42,000 rather than the PROP figure of \$40,514, presumably because better information was available at the time this ProAg was written. In general, this information came via the Indiana Team from their work with the Accounts Section of the University. The budget for FY 71 has not yet been approved by the RGA; therefore, no better figure than the estimate of \$44,999 given in the PROP is available. It would be expected that the Faculty expenses would increase for FY-72 and 73, but there have been no accurate estimates of these amounts.

PAGE 1 OF 4 PAGES

DRAFTED BY: R Douglass, Ed Adv. / Edwin L. Martin, Chief
OFFICE: Education Div.
PHONE NO.:
DATE: 5/28/70
APPROVED BY: Bartlett Harvey, Director

AID AND OTHER CLEARANCES

AD/DP 1/1/70

PA:LCrain

PE:CZondag

UNCLASSIFIED
CLASSIFICATION

DISTRIBUTION ACTION N-10 INFO.
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4 p.

Item 2, Ref. B

AIT is not being developed into a lycee or junior college. The curriculum which has been developed at AIT provides for a four-year program on the secondary level. Each school year is scheduled for 40 instruction periods each week. The instructional program consists of language, mathematics, science, social science, sports, and at least 11 hours per week in technical subjects. In fact, in the fourth year, the program provides for 28 hours in the technical sequence. The lycee school curriculum does not provide courses in the technical areas, such as auto mechanics, electricity-electronics, machine shop, sheet metal, welding, building construction and woodworking.

The 13th year at AIT is not to be considered as the first year of a junior college program. This is the fourth year of a four-year secondary education program, which is absolutely necessary in order to provide the students with sufficient in-depth skill and knowledge to meet job requirements. At present, the 14th year at AIT is not in effect.

In 1962, 60% of the AIT graduates entered the Faculty of Engineering. In 1965, 20% of the graduates were enrolled, and in 1969 the enrollment figure was reduced to 15%. In 1970, the number was further reduced to 14%. The figure of 30% cited on page 8 of the PRDP was an estimate utilizing the best figures available at the time.

In the years to come, it is anticipated that approximately 10% of the AIT graduates will enroll in the Faculty of Engineering. The main reason for this reduction is that increasing numbers of AIT graduates are finding employment. This is certainly an indication that AIT is fulfilling the purpose for which it was designed.

The comment on an engineering graduate school reflecting an increase in aspirations seems to indicate a misunderstanding. The original work program proposed and the work program of the present contract both include the paragraph:

"8. Advise and assist in the development of research and graduate teaching programs."

The Afghan staff has been thinking of a graduate program since the beginning of the present Faculty of Engineering. The University has also considered a proposal by the Polytechnic for a six-year program leading to the Master's Degree. At present the Faculty is not strong enough to initiate a graduate program, nor is it clear that the need exists. The present situation, therefore, is not an increase in aspirations but rather an acceptance of the fact that the Faculty has not developed as rapidly as originally hoped. Whether a graduate program will be appropriate 3, 5, 10 years from now is a question that will have to be periodically re-examined. It is the opinion of USET and USAID/E that a program

for re-education and continuing education of graduates may well be desirable but that this should not be at a Master's Degree level. The Mission, therefore, is requesting the AID/W Contract Office to support item 8 of the work program.

At present the Faculty of Engineering is producing approximately 60 graduates per year. If the enrollment is increased to 500 students, the number of graduates would increase to approximately 100 per year. It will be two more years (1972) before the Polytechnic produces any graduates.

According to the report, "Manpower and Education in Afghanistan" prepared by the Ministry of Education, March 1969, there were roughly 140,000 workers employed in factory-industry, geological work, construction, transportation and communication. In these same categories, there were 100 to 140 Afghan engineers and 220 to 280 foreign engineers employed. By 1972, an increase of employment is estimated at 50,000, with an increase in the ratio of engineers to the total labor force. The number of additional engineers needed annually is approximately 200.

The real problem refers to the requirements of the various government agencies and on this point it is practically impossible to make any predictions. The only thing which can be said is that the output of the two training institutions (Faculty of Engineering and Polytechnic) is going to increase in the future, to reach by 1972 a level of about 250 per year, which seems to be high compared to the present size of the engineering force in the country. However, much of the future needs will depend on:

- a. the policy adopted with regard to the replacement of foreign engineers;
- b. the possibility of employing numbers of engineers for non-technical fields;
- c. the possibility of expanding considerably field services in public works, sanitation, etc.;
- d. the modernization of the occupational pattern in the productive sectors which would need a larger ratio of engineers to labor force;
- e. the chance to increase exploration and production of natural gas, oil, and possibly other mineral wealth.

While there have been ad hoc studies on manpower, education and statistics,* USAID/A

- *1. Manpower and Education in Afghanistan - Report of the Manpower Committee Education Commission - Ministry of Education, Kabul, March 1969.
2. Educational Statistics Afghanistan 1969 - Department of Planning-Directorate.

encouraged an IBRD study in these areas in 1969. The offer to make this study was not accepted by the RGA. Subsequently, at the request of the Ministry of Planning a Bureau of Census Consultant conducted a general study on means to improve the overall RGA statistical system. Subsequent work emanating from this initial effort provide projections concerning the needs for engineers, technicians and skilled workers.

Item 3, Ref. B

The increased enrollment from 400 to 500 students, as referred to in the PROP, could probably be accomplished by the Afghans without enlarging the present facilities or increasing the number of faculty members. The overall quality of instruction would not necessarily be impaired. If the enrollment should exceed 500 students, then commodity costs would be increased, and additional faculty needed.

Item 4, Ref. B

One direct-hire technician should remain after the phaseout of these projects to:

1. assist in carrying out the required participant training program for AIT and the Faculty of Engineering;
2. assist the Ministry of Education plan for the future development of these institutions;
3. assist the Ministry of Education to develop a vocational-teacher training program in conjunction with the Faculty of Education.

NEUMANN

3060093 (18)
 PD-AAC-453

• AID 1339.1
 (8-68)

PRO AG
 FY 1970

PROJECT AGREEMENT
 BETWEEN THE DEPARTMENT OF STATE, AGENCY FOR INTERNATIONAL DEVELOPMENT (AID),
 AN AGENCY OF THE GOVERNMENT OF THE UNITED STATES OF AMERICA, AND
 THE MINISTRY OF EDUCATION

ROYAL
 AN AGENCY OF THE GOVERNMENT OF AFGHANISTAN

The above-named parties hereby mutually agreed to carry out a project in accordance with the terms set forth herein and the terms set forth in any annexes attached hereto, as checked below:

- PROJECT DESCRIPTION ANNEX A
- FOREIGN CURRENCY STANDARD PROVISIONS ANNEX
- STANDARD PROVISIONS ANNEX
- SPECIAL LOAN PROVISIONS ANNEX

This Project Agreement is further subject to the terms of the following agreement between the two governments, as modified and supplemented:

- GENERAL AGREEMENT FOR TECHNICAL COOPERATION DATE 2/7/51
- ECONOMIC COOPERATION AGREEMENT DATE 6/23/56
- (follows) DATE 6/30/53

1. PROJECT/ACTIVITY NO. 306-11-660-093 / / PAGE 1 OF 2 PAGES

2. AGREEMENT NO. TE #7 (A) 2. ORIGINAL OR REVISION NO. _____ 7p.

3. PROJECT/ACTIVITY TITLE
 Technical Education
 AFGHAN INSTITUTE OF TECHNOLOGY
 Technical Assistance

4. PROJECT DESCRIPTION AND EXPLANATION
 (See Annex A attached)

5. AID APPROPRIATION SYMBOL 72-1101004 6. AID ALLOTMENT SYMBOL 054-50-306-00-69-01

7. AID FINANCING	8. PREVIOUS TOTAL (A)	9. INCREASE (B)	10. DECREASE (C)	11. TOTAL TO DATE (D)
<input checked="" type="checkbox"/> DOLLARS <input type="checkbox"/> LOCAL CURRENCY				
(a) Total		\$107,000	-	\$107,000
(b) Contract Services		50,000	-	50,000
(c) Commodities		10,000	-	10,000
(d) Participants		47,000	-	47,000
(e) Other		\$145,867		\$145,867
(f) Treatment and other services				
(g) Commodities				
(h) Other Costs				

12. SPECIAL PROVISIONS (Use Additional Continuation Sheets if Necessary)

TO: [Signature]
 FROM: [Signature]
 [Signature]
 [Signature]
 [Signature]
 [Signature]
 [Signature]
 [Signature]
 [Signature]

12. DATE OF ORIGINAL AGREEMENT December 31, 1969 13. DATE OF THIS REVISION 1969 14. ESTIMATED FINAL CONTRIBUTION DATE December 31, 1972

15. FOR THE COOPERATING GOVERNMENT OR AGENCY
 SIGNATURE: Dr. Abdul Kayeum
 TITLE: Minister of Education

16. FOR THE AGENCY FOR INTERNATIONAL DEVELOPMENT
 SIGNATURE: Russell S. McClure
 TITLE: Director, USAID/A

Director, AIT
 [Signature]
 Dr. Yaqoubi, President
 VOC. ED

PROAG
CONTINUATION
SHEET
FY 1970
AIRLINE A

PROJECT AGREEMENT BETWEEN AID AND The Ministry of Education Royal AN AGENCY OF THE GOVERNMENT OF Afghanistan	1. Project/Activity No. 306-11-660-093	PAGE 3 OF 7 PAGES
	2. Agreement No. TE #7 (A)	3. <input checked="" type="checkbox"/> Original or Revision No. _____
	3. Project/Activity Title Technical Education AIT TECHNICAL ASSISTANCE	

Course of Action

1. The U. S. contract advisors will furnish advisory assistance in the fields of (a) building construction; (b) civil technology; (c) electrical and electronics technology; (d) auto and aviation mechanics and (e) mechanical technology.

2. The USAID Technical Education Advisor will coordinate the activities of the contract team; serve as liaison officer for the team, USAID, and the Project Director, who is the President of Vocational Education, Ministry of Education. He will furnish advisory assistance to the Director of AIT and the Department of Vocational Education, Ministry of Education.

3. USAID will continue to provide assistance in:

a. Developing the program at the AIT in the areas of curriculum development, commodity purchases, school organization and administration, and faculty training.

b. Strengthening the practical aspects of the AIT curriculum so that it may serve its primary purpose of producing middle-level technicians for immediate employment after graduation.

c. Upgrading instruction in the six shop areas.

d. Ordering and installing shop equipment.

e. Developing the new four-year (grades 10, 11, 12 and 13) program.

4. The Ministry of Education has for the past several years increased the enrollment of AIT by expanding the size of the entering class each year in accordance with the following schedule. This continued in FY 1969 with admission of first-year students, 22 more than originally planned in FY 69. Two hundred students were planned in FY 69; however, 222 were enrolled. Capacity of the new buildings is 750 students.

	AFY 1345	AFY 1346	AFY 1347	AFY 1348	AFY 1349
Grade	1966	1967	1968	1969	1970
10	150	160	175	222	225
11	120	125	150	151	200
12	100	110	115	133	130
13	75	90	100	21	50
Totals	445	485	540	527	605

For the Cooperating Government or Agency <i>for</i> <i>Sarf R. Samady</i> Dr. Abdul Kayeum SIGNATURE: _____ DATE: _____ TITLE: Minister of Education	For the Agency for International Development R. S. McClure SIGNATURE: _____ DATE: _____ TITLE: Director, USAID/A
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PROAG
CONTINUATION
SHEET
FY 1970
ANNEX A

PROJECT AGREEMENT
BEYWEEN AID AND
The Ministry of Education

Royal
AN AGENCY OF THE GOVERNMENT OF
Afghanistan

1. Project/Activity No.
306-11-660-093

PAGE 4 OF 7 PAGES

2. Agreement No.
TE #7 (A)

3. Original or
Revision No. _____

3. Project/Activity Title
Technical Education
AIT TECHNICAL ASSISTANCE

There was community resistance to the new 13th grade, therefore, 21 instead of projected 105. This resistance may continue in FY 70 causing the planning to be 50 students in grade 13.

5. The administration, faculty and students of AIT, with the guidance and assistance of the U.S. advisors, will develop a thorough and adequate maintenance program for the school buildings and grounds and for the equipment housed therein. Equipment includes both that used in the teaching program and that needed for the operation of the school plant. Since it is a part of the training of middle-level technicians to become maintenance conscious and learn how to keep their tools and other equipment in good working order, the students and faculty will take part in the maintenance program to the extent that is educationally desirable.

The Ministry of Education will provide an adequate and qualified maintenance staff and will include in the school's regular budget money sufficient for purchase of necessary maintenance supplies.

6. This Project Agreement provides \$,000 for participant training outside of Afghanistan for selected numbers of the AIT Faculty subject to (1) availability of qualified Afghan candidates, and (2) mutual agreement between the RGA and USAID. This obligation must be supported by PIO/PS giving details of the individual training programs. Any part of the amount obligated above for participants, if not covered by PIO/PS by May 31, 1970, will automatically be deobligated.

These participants will be selected cooperatively by the Ministry of Education and USAID. If participants meet all other RGA and USAID qualifications, they will be placed in suitable training programs in Afghanistan in order to develop sufficient proficiency in English to pursue their programs. Upon their return from study, participants will be assigned promptly to the positions for which they were trained.

7. The USAID Technical Education Advisor will continue to assist the Director of AIT and the President of Vocational Education, Ministry of Education, in the development of:

- a. The AIT evening school program for employed technicians.
- b. "On-the-job" training programs for industries and/or RGA agencies where they are feasible.
- c. A system of technical education teacher certification and a teacher career development program.

For the Cooperating Government or Agency

For the Agency for International Development

Dr. Abdul Kayeum
SIGNATURE: Dr. Abdul Kayeum DATE: _____

R. S. McClure
SIGNATURE: R. S. McClure DATE: _____

TITLE: Minister of Education

TITLE: Director, USAID/A

PROAG
CONTINUATION
SHEET
FY 1970
ANNEX A

PROJECT AGREEMENT
BETWEEN AID AND

The Ministry of Education
Royal
AN AGENCY OF THE GOVERNMENT OF
Afghanistan

1. Project/Agency No.
306-11-650-093
2. Agreement No.
TE #7 (A)
3. Project/Activity Title
Technical Education
AIT TECHNICAL ASSISTANCE

PAGE 5 OF 7 PAGES
3. Original or
Revised No.

d. Improved industry/school relationships through joint advisory committees and AIT graduate placement services.

e. More effective organization, management and budgeting procedures in the Vocational Education Department, Ministry of Education.

Funding Requirements.

1. U.S. Contribution

\$101,000 is provided under this Agreement for expenditure as follows:

Contract Services (AID/nesa 2/4, SIU)

Personnel	\$48,000	
Commodities	2,000	
	\$50,000	\$50,000

Direct AID Expenditure

Participants	\$11,000	
Commodities	10,000 ^{a)}	
	\$21,000	\$21,000
		TOTAL \$101,000

a) Following is a breakdown by commodity codes of \$7,905 of this \$10,000 amount:

Code	Description	Amount
62	Rubber Mfrs N.E.C.	\$ 150
67	Iron and Steel	455
69	Mfrs of Metal	1,321
71	Machinery	2,405
72	Elec. Machinery and Appliances	275
89	Misc. Mfr. Articles N.E.C.	3,600
		<u>\$ 7,906</u>

A waiver for delayed subobligation by June 15, 1970, of the remaining \$2,094 balance of the amount for commodities has been granted by the Mission Director, USAID/A, under authority of H.O. 7124, Section III, A 3a. A detailed listing and breakdown of this amount by commodity codes will be provided in a subsequent Revision to this Agreement.

For the Cooperating Government or Agency:
for *Abdul Kayeum*
SIGNATURE: *Abdul Kayeum*
TITLE: MINISTER OF EDUCATION

For the Agency for International Development:
SIGNATURE: R. S. McClure
TITLE: Director, USAID/A

PROJECT AGREEMENT
BETWEEN AID AND
The Ministry of Education
Royal
AN AGENCY OF THE GOVERNMENT OF
Afghanistan

1. Eschewed No. 306-14-650-093

PAGE 6 OF 7 PAGES

2. Approval No. TE 117 (A)

3. Original or
Revision No.

3. Project/Activity Title
Technical Education
AIT TECHNICAL ASSISTANCE

This project Agreement provides the project description, scope of work, U.S. contribution, and states the responsibilities of the Royal Government of Afghanistan under this joint project.

Recognizing the high priority need in Afghanistan for technically trained manpower, both middle-level and upper level, and the need to develop the training institutions and the responsible Ministry of Education department, the Royal Government of Afghanistan (RGA) and the United States Agency for International Development Mission in Afghanistan (USAID/A) enter into this Project Agreement concerned with the development of the Afghan Institute of Technology (AIT) and the Ministry of Education's Vocational Education Department. This is a subactivity of the Technical Education Project, which includes also the sub activity faculty of Engineering, which is described in a separate document.

Following are the objectives of this joint project of the two governments:

1. Development of the staff, curricula, program and facilities of the Afghan Institute of Technology in order that the school may be capable of graduating annually from 1970 approximately 115 trained middle-level technicians for Afghanistan's developing industrial economy some to enter the work force immediately upon graduation and others to continue their studies in the Faculty of Engineering, Kabul University.

- a. A minimum of sixty teachers and administrators for AIT by 1970.
- b. An evening training program for employed workers with an enrollment of 150 students by 1970.
- c. As part of the program for AIT students, established "on the job" training programs in those RGA agencies and industries that have the capability to absorb and benefit from such programs.

2. A strong Vocational Education Department in the Ministry of Education to plan, develop and administer an integrated technical education program which is closely related to the industrial manpower needs of Afghanistan's developing economy.

The remainder of this Agreement describes the course of action, the responsibilities agreed to respectively by the two parties, and the funding requirements specified as to U.S. contribution and RGA contribution.

For the Cooperating Government or Agency
for *Abdul Kayeum*
 SIGNATURE: Abdul Kayeum DATE: _____
 TITLE: Minister of Education

For the Agency for International Development
R. S. McClure
 SIGNATURE: R. S. McClure DATE: _____
 TITLE: Director, USAID/A

PRDAG
CONTINUATION
SHEET
FY 1970
ANNEX A

<p>PROJECT AGREEMENT BETWEEN AID AND The Ministry of Education Royal AN AGENCY OF THE GOVERNMENT OF Afghanistan</p>	<p>1. Project/Agency No. 306-11-660-093</p>	<p>PAGE <u>6</u> OF <u>7</u> PAGES</p>
	<p>2. Agency No. YE 77 (A)</p>	<p>3. <input checked="" type="checkbox"/> Original or Revision No. _____</p>
	<p>4. Agency Title Technical Education AIT TECHNICAL ASSISTANCE</p>	

2. RGA Contribution

The RGA will continue to provide from its own resources for the operation, maintenance and development of the Afghan Institute of Technology.

Chapter	Item	Ordinary Budget	
		Act. Expend. AFY 1347 (FY69)	Budget AFY 1348 (FY70)
100	Personal Services	3,488,994 AFs.	3,600,000 AFs.
200	Other Services	521,500	560,000
300	Materials, Supplies & Parts	6,725,033	6,730,000
600	Subsidiary (contingency)	50,000	50,000
TOTALS		10,785,527 AFs.	10,940,000 AFs.
Dollar Equivalent		\$ 143,807	\$ 145,867

STANDARD PROVISIONS FOR THE IMPORTATION OF COMMODITIES

FOR OCEAN SHIPMENT: Clearing, handling and onforwarding of commodities shall be provided by AID from supplier's Delivery Point, i.e., designated ocean port to FOB RGA-provided vehicle at the USAID Terminal Delivery Point nearest the project site, i.e., Peshawar or Chaman, Pakistan, Meshed, Iran or other such locations outside Afghanistan as USAID and RGA may jointly establish as an appropriate USAID Terminal Delivery Point for AID-financed surface shipments. Shipments will be made via Pakistan unless otherwise mutually agreed.

FOR OCEAN-AIR SHIPMENTS: Clearing, handling and onforwarding of commodities from Supplier's Delivery Point for ocean-air shipments via Beirut, Lebanon, i.e., Beirut, Lebanon to USAID Terminal Delivery Points, i.e., appropriate airports in Afghanistan, shall be financed by USAID.

FOR DIRECT AIR SHIPMENTS: Clearing, handling and forwarding of commodities from source of procurement to Supplier's Delivery Point, i.e., appropriate airports in Afghanistan, shall be financed by USAID. These are further designated as USAID Terminal Delivery Points.

The RGA undertakes to accept delivery of commodities at any of the above-mentioned USAID Terminal Delivery Points within the free period and will provide and pay onward transportation and all other charges to Ultimate Destination, Afghanistan. The USAID similarly undertakes to so schedule shipments to Terminal Delivery Points at a rate commensurate with RGA capability for supplying onforwarding transportation.

<p>For the Cooperative Government of Afghanistan</p> <p><i>Dr. Abdul Kayeum</i></p> <p>SIGNATURE: _____ DATE: _____</p> <p>TITLE: Minister of Education</p>	<p>For the Agency for International Development</p> <p>R. S. McClure</p> <p>SIGNATURE: _____ DATE: _____</p> <p>TITLE: Director, USAID/A</p>
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PROAG
CONTINUATION
SHEET
Y 1970
ANNEX A

PROJECT AGREEMENT
BETWEEN AID AND
The Ministry of Education

Royal
AN AGENCY OF THE GOVERNMENT OF
Afghanistan

1. Project/Activity No.
306-11-660-093

PAGE 7 OF 7 PAGES

2. Agreement No.
TE #7 (A)

3. Original or
Revision No. _____

3. Project/Activity Title
Technical Education
AIT TECHNICAL ASSISTANCE

MAINTENANCE OF COMMODITY RECORDS: The recipient Ministry/Agency will prepare and issue reports for all commodities furnished under this project which are titled with the RGA within ten days after receipt of those commodities and will maintain necessary records to ensure proper control and use of the commodities for their intended purpose. These records will be maintained in English and AID personnel will be granted ready access to them upon request.

SOURCE REQUIREMENT FOR COMMODITY PROCUREMENT: Authorized source of procurement for all commodities covered under this Project Agreement will be United States only. Any procurement required to be made from non-U.S. sources shall be financed by the RGA.

For the Cooperating Government or Agency

For the Agency for International Development

SIGNATURE: Dr. Abdul Kayeum DATE: _____
TITLE: Minister of Education

SIGNATURE: Russell S. McClure DATE: _____
TITLE: Director, USAID/A

3060093 (19)

AID 1330-1
(8-64)

PRO AG

FY 1970

PROJECT AGREEMENT PD-AAC-453
BETWEEN THE DEPARTMENT OF STATE, AGENCY FOR INTERNATIONAL DEVELOPMENT (AID),
AN AGENCY OF THE GOVERNMENT OF THE UNITED STATES OF AMERICA, AND
KABUL UNIVERSITY

ROYAL
AN AGENCY OF THE GOVERNMENT OF AFGHANISTAN

The above-named parties hereby mutually agree to carry out a project in accordance with the terms set forth herein and the terms set forth in any annexes attached hereto, as checked below:

- PROJECT DESCRIPTION ANNEX A
- FOREIGN CURRENCY STANDARD PROVISIONS ANNEX
- STANDARD PROVISIONS ANNEX
- SPECIAL LOAN PROVISIONS ANNEX

This Project Agreement is further subject to the terms of the following agreement between the two governments, as modified and supplemented:

- GENERAL AGREEMENT FOR TECHNICAL COOPERATION DATE 2/7/51
- ECONOMIC COOPERATION AGREEMENT DATE 6/23/56
- (other) T. C. Agrmt. as amended DATE 6/30/53

1. PROJECT/ACTIVITY NO. 306-11-660-093.2 PAGE 1 OF 8 PAGES

2. AGREEMENT NO. TE #7 (B) 3. ORIGINAL OR REVISION NO. _____

4. PROJECT/ACTIVITY TITLE Technical Education 8p.
FACULTY OF ENGINEERING, KABUL UNIVERSITY

5. PROJECT DESCRIPTION AND EXPLANATION (See Annex A attached)

6. AID APPROPRIATION SYMBOL 72-1101004 7. AID ALLOTMENT SYMBOL 054-50-306-00-69-01

8. AID FINANCING	PREVIOUS TOTAL (A)	INCREASE (B)	DECREASE (C)	TOTAL TO DATE (D)
(a) Total	-	\$422,000	-	\$422,000
(b) Contract Services	-	\$366,000	-	\$366,000
(c) Participants	-	4,000	-	4,000
(c) Commodities	-	52,000	-	52,000
(d) Other Costs				
9. COOPERATING AGENCY FINANCING - DOLLAR EQUIVALENT				
\$1.00 = 75 Afghanis				
(a) Total		\$266,000		\$266,000
(b) Technical and other Services		(See Narrative)		(See Narrative)
(c) Commodities				
(d) Other Costs				

10. SPECIAL PROVISIONS (Use Additional Continuation Sheets, if Necessary)

11. DATE OF ORIGINAL AGREEMENT December 29, 1969 12. DATE OF THIS REVISION 1969? 13. ESTIMATED FINAL CONTRIBUTION DATE December 29, 1972

14. FOR THE COOPERATING GOVERNMENT OR AGENCY
SIGNATURE: F.R. Pozniak
TITLE: Rector, Kabul University

15. FOR THE AGENCY FOR INTERNATIONAL DEVELOPMENT
SIGNATURE: R. S. McClure
TITLE: Director, USAID/A

Handwritten notes and signatures:
CD 1
CD 2
EX
PROC
CD 1
CD 2
USET
Dean, Fac. of Engineer-
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**PROJECT AGREEMENT
BETWEEN AID AND
Kabul University**

**ROYAL
AN AGENCY OF THE GOVERNMENT OF
Afghanistan**

1. Project/Activity No.
306-11-660-093

2. Agreement No.
TE #7 (B)

3. Project/Activity Title
**TECHNICAL EDUCATION
Faculty of Engineering**

3. Original or
Revision No. _____

All provisions of the Original of this Project Agreement, dated December 30, 1968, remain unchanged. This Revision provides the project description, scope of work, additional U.S. contribution, and states the responsibilities of the Royal Government of Afghanistan under this joint project.

FACULTY OF ENGINEERING, KABUL UNIVERSITY

Recognizing the importance to Afghanistan's development of university-trained engineers and of a University Faculty which can provide such engineers in adequate quantity for the country's work force, the Royal Government of Afghanistan (RGA) and the United States Agency for International Development Mission in Afghanistan (USAID) hereby enter into this Project Agreement to work jointly toward the achievement of the objectives stated below. The two parties agree also to the course of action described, the respective responsibilities assigned to each of the two, and the funding requirements specified as to USAID contribution and RGA contribution. Included below in this Agreement are (1) the joint objectives of the two parties; (2) the course of action to be followed, specifying the responsibilities agreed to respectively by each of the two parties; and (3) the funding requirements stating the U.S. contribution and the RGA contribution.

Objectives

1. To develop by 1973 an undergraduate university-level Engineering Faculty of Kabul University capable of graduating annually approximately 65 professionally qualified engineers in the fields of mechanical, civil, electrical and agricultural engineering. An architectural option was added to the Faculty in 1967, which is presently supported by the Fulbright program.
2. Initiate applied engineering research and consultation on engineering problems of immediate importance to Afghanistan.

Course of Action

1. USAID will provide, subject to availability of funds and qualified personnel, up to ten (10) advisors to the Faculty of Engineering.
2. The RGA will create additional teaching positions in the Faculty during the period sufficient to provide for the planned growth of the Faculty. Present teaching staff provides a faculty-student ratio of 1:12. The University will try to implement the recent University Senate action approving a ratio of 1:7.

For the Cooperating Government or Agency

For the Agency for International Development

SIGNATURE: _____

DATE: _____

SIGNATURE: _____

DATE: _____

TITLE: _____

Rector, Kabul University

TITLE: _____

**R. S. McClure
Director, USAID/A**

PROAG
CONTINUATION
SHEET
FY 1970
ANNEX A

**PROJECT AGREEMENT
BETWEEN AID AND**

Kabul University

**ROYAL
AN AGENCY OF THE GOVERNMENT OF
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3. Those courses in the Faculty of Engineering which no Afghan instructor is yet fully prepared to teach will be conducted by U. S. advisors with the assistance of Afghan instructors-in-training; or by Afghans in training with assistance and guidance by U. S. advisors. The USET personnel are primarily advisors but they will do a limited amount of teaching principally for the purpose of demonstrating techniques. The USET advisors will be assisted by Afghan staff members (instructors in training) in all such courses.

4. Faculty instructors and other staff members now studying in the U. S. will continue their programs. In addition, subject to availability of funds and of suitable candidates, additional participants will be sent to the U. S. or third countries for further training. The candidates for these study programs will be selected according to the procedures developed by the Faculty and approved by the Dean and U. S. team's Program Director.

5. When a participant completes his training under this joint project, the RGA will enforce the conditions of the training agreement (i. e., the P/O/P), which means the prompt return of the participant to the Faculty and the provision of a suitable academic position for him. The RGA will study the question of suitable rank and placement for returned participants and will explore the ways in which these may be provided. The University will consider changes in the structure of academic ranks at the Faculty of Engineering to bring this structure closer to that used internationally.

6. The University will give suitable support to the Faculty's program of applied research on problems relating to engineering in Afghanistan.

7. The U. S. advisors will provide guidance and assistance to the Faculty of Engineering in administrative methods and procedures so that the academic program will have adequate support. Emphasis will be given to establishing procurement and fiscal and property accounting methods and procedures applicable to the special needs of the Faculty of Engineering in keeping with the uniform practices and policies of the University and drawing upon the assistance and guidance of the central administrative unit of the University as needed.

8. The University will provide English-speaking staff with up-to-date training in the following positions: (1) Business Manager, and (2) Senior Office Secretary. The U. S. advisors will assist and provide on-the-job training to these employees

For the Cooperating Government or Agency:

For the Agency for International Development

SIGNATURE:

F. R. Pozharski

DATE:

TITLE: **Rector, Kabul University**

SIGNATURE:

R. S. McClure

DATE:

TITLE: **Director, USAID/A**

PROJECT AGREEMENT

BETWEEN AID AND

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In maintenance; administrative services, including development of budget procedures and maintenance of academic and office records; and secretarial support for class instruction which is given in English.

9. USAID will provide commodities, include laboratory and machine shop equipment as required by the project subject to availability of funds. The U.S. advisors will provide advice and assistance in selection or design, installation, use and maintenance of equipment in the laboratory and shop facilities.

10. The University will provide qualified technicians as currently needed under the conditions of the 27 October 1967 memorandum entitled, "Policy for Employment and Compensation for Positions Requiring Personnel with Professional or Technical Ability," prepared by the Dean of the Faculty, upon passage by the proper University body.

11. The Faculty of Engineering will designate English-speaking staff members who will receive on-the-job training in modern commodity control. In FY 1970 gradual transfer of custody of all equipment to the RGA will begin. Close cooperation will be maintained with the University's central administration as modern practices in warehousing, inventory, commodity issuance, etc., are initiated, in order that Faculty of Engineering procedures in these activities may be in accordance with the developing uniform administrative practices of the University.

12. The University will provide the necessary maintenance for the Faculty buildings. This will require adequate budget, competent personnel, needed materials, and prompt scheduling of maintenance and repair work.

13. The Faculty, with the assistance of the U.S. advisors, will continue to make intensive recruiting efforts in appropriate locations outside the Kabul area. In addition, the Faculty will continue a Pre-Engineering Program during the University's vacation period, which provides a substantial number of entrants to the Faculty of Engineering from the Provinces.

14. The Faculty of Engineering budget will include funds for travel and per diem for the Afghan staff members who participate in recruiting efforts outside the Kabul area and will provide funds for any Afghan staff teaching pre-engineering courses during vacation periods.

15. The University will provide adequate facilities and services, including heat and utilities, for operations during winter periods.

For the Cooperating Government or Agency

For the Agency for International Development

SIGNATURE:

F. R. Pozhwaik

DATE: _____

SIGNATURE:

R. S. McClure

DATE: _____

TITLE:

Rector, Kabul University

TITLE:

Director, USAID/A

PROAG
CONTINUATION
SHEET
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ANNEX A

**PROJECT AGREEMENT
BETWEEN AID AND
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Faculty of Engineering**

16. The U. S. advisors will provide assistance in (1) establishing and/or improving practical training programs for Faculty of Engineering students with RGA Ministries and with industrial groups; and (2) developing a new six-month practical training program for students which will supplement the regular academic program and will become a requirement for graduation.

17. The University will continue to provide to the Faculty of Engineering an appropriate Revolving Fund for normal, routine expenditures under RGA Major Object Budget Chapters 300 (Materials, Supplies and Parts) and 400 (Equipment). This Fund will be provided and managed in keeping with the approved business procedures of the RGA. Expenditures under the Revolving Fund are to be made within the Faculty's total annual budget, since the purpose of the Fund is not to increase the total budget, but rather to facilitate the timely and convenient purchasing of miscellaneous small items vital to the teaching program. Repayments into the Revolving Fund will be made promptly by the central administration upon the Faculty's submission from time to time of receipts for proper expenditures made from the Fund.

18. The U. S. advisors will train the Faculty employees administering the Revolving Fund in accepted modern procedures of purchasing, accounting, and storekeeping, in keeping with uniform business practices of the University.

19. Adequate funding for the completion and equipping of the new engineering building will be included in the University budget.

20. Though responsibility for operation and maintenance of the Sewage Disposal Plant rests with the central University administration, the Faculty of Engineering will provide advisory service for its operation. The Faculty of Engineering will also train the operators employed by the University to operate the Plant. The Faculty's responsibility includes only the above-listed functions, the budget for operation and maintenance of the Plant being provided by the University outside the Faculty of Engineering budget.

21. The University will continue to support the operation of the Seismic Station by providing the necessary personnel, including guards, technicians, and a research assistant to work on reading and interpreting the records. Extra compensation will be provided for Faculty of Engineering Staff who work at the Seismic Station in addition to their regular duties. Transportation to the Seismic Station will be provided by the University. USAID will continue through its support of the Faculty of Engineering to provide special parts, equipment, and advice needed for operation.

For the Cooperating Government or Agency

For the Agency for International Development

SIGNATURE: F. R. Pazhwak
DATE: _____
TITLE: Rector, Kabul University

SIGNATURE: R. S. McClure
DATE: _____
TITLE: Director, USAID/A

PROJECT AGREEMENT BETWEEN AID AND Kabul University ROYAL AN AGENCY OF THE GOVERNMENT OF Afghanistan	1. Project/Activity No. 306-11-660-093	PAGE <u>6</u> OF <u>8</u> PAGES
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	3. Project/Activity Title Technical Education FACULTY OF ENGINEERING, KABUL U.	

Funding Requirements

I. U.S. Contribution - FY 1970

Contract Services (AID/nesa-76, EDC):

Personnel \$366,000

AID Direct

Participant	\$ 4,000	(PIO/P 306-11-660-093-1-40006)
Commodities	52,000	56,000 ^{a)}

TOTAL FY 1970 Funding \$422,000

a) Below is the breakdown of PIO/Cs and/or Purchase Orders already executed:

<u>Code</u>	<u>Description</u>	<u>Amount</u>
33	Petroleum & Petroleum Products	\$ 15
51	Chemical Elements & Compounds	13
63	Wood & Cork Manufactures	1,100
66	Non-Metallic Mineral Manufactures	52
69	Manufactures of Metal	200
86	Professional & Scientific Equipment	75
89	Miscellaneous Manufactured Articles	3,558
Total of PIO/Cs and/or Purchase Orders		\$ 5,013
		46,987 ^{b)}
		<u>\$52,000</u>

b) A waiver for delayed sub-obligation by June 15, 1970, of this remaining balance for commodities has been granted by the Mission Director, USAID/A, under authority of M. O. 712.4, Section III, A. 32. A detailed listing and breakdown of this amount by commodity codes will be provided in a subsequent Revision to this Agreement.

For the Cooperating Government or Agency SIGNATURE: <u>E. R. Pozhukov</u> TITLE: <u>Rector, Kabul University</u>	For the Agency for International Development SIGNATURE: <u>R. S. McClure</u> TITLE: <u>Director, USAID/A</u>
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**PROJECT AGREEMENT
BETWEEN AID AND**

**Kabul University
ROYAL
AN AGENCY OF THE GOVERNMENT OF
Afghanistan**

1. Project/Activity No.
306-11-660-098

2. Agreement No.
TE #7 (B)

3. Original or
Revision No. _____

3. Project/Activity Title
**Technical Education
FACULTY OF ENGINEERING, KABUL U.**

2. RGA Contribution

The RGA will continue to administer, operate and maintain the facilities and programs associated with this project activity.

Regular (or Operating) Budget

Actual Expenditures ^{a)} <u>AFY 1347 (FY 1969)</u>	Dollar Equivalent <u>@ Afs. 75 = \$1.00</u>	Approximate Budget <u>AFY 1348 (FY 1970)</u>
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Faculty Expenditures: 3,007,362 Afs.	\$ 40,098	\$ 42,000
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Pro-rated share of Central Administration: ^{b)} 4,815,836 Afs.	\$ 64,211	\$ 64,000
<u>7,823,198</u>	<u>\$104,309</u>	<u>\$106,000</u>

University's Development Budget

8,982,472 Afs.	\$119,100	\$160,000
<u>16,755,670 Afs. TOTAL</u>	<u>\$223,409</u>	<u>\$266,000</u>

a) These figures are from the official records of the Accounting Department of Kabul University.

b) Included under Central Administration in the University's accounting system are the usual administrative personnel and functions, plus all expenditures for the central library, gym and sports, dormitory and cafeteria, utilities, maintenance and transportation. In AFY 1347 the expenditures classified as Central Administration were 61.5% of the University's total expenditures, the dormitory and its cafeteria being about one-fifth of this amount.

STANDARD PROVISIONS FOR THE IMPORTATION OF COMMODITIES

FOR OCEAN SHIPMENT: Clearing, handling and onforwarding of commodities shall be provided by AID from supplier's Delivery Point, i. e., designated ocean port to F. O. B. RGA-provided vehicle at the USAID Terminal Delivery Point nearest the

For the Cooperating Government or Agency

For the Agency for International Development

SIGNATURE:

F. R. Pazhuk

DATE:

TITLE: **Rector, Kabul University**

SIGNATURE:

R. S. McClure

DATE:

TITLE: **Director, USAID/A**

**PROJECT AGREEMENT
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project site, i. e., Peshawar or Chaman, Pakistan; Meshed, Iran, or such other locations outside Afghanistan as USAID and RGA may jointly establish as an appropriate USAID Terminal Delivery Point for AID-financed surface shipments. Shipments will be made via Pakistan unless otherwise mutually agreed.

FOR OCEAN-AIR SHIPMENTS: Clearing, handling and onforwarding of commodities from Supplier's Delivery Point, for ocean-air shipments via Beirut, Lebanon, i. e., Beirut, Lebanon, to USAID Terminal Delivery Points; i. e., appropriate airports in Afghanistan, shall be financed by USAID.

The Royal Government of Afghanistan undertakes to accept delivery of commodities at any of the above-mentioned USAID Terminal Delivery Points within the free period and will provide and pay onward transportation and all other charges to Ultimate Destination, Afghanistan. The USAID similarly undertakes to so schedule shipments to Terminal Delivery Points at a rate commensurate with RGA capability for supplying onward transportation.

MAINTENANCE OF COMMODITY RECORDS: The recipient Ministry/Agency will prepare and issue reports for all commodities furnished under this project which are titled with the Royal Government of Afghanistan within ten days after receipt of those commodities and will maintain necessary records to ensure proper control and use of the commodities for their intended purpose. These records will be maintained in English and AID personnel will be granted ready access to them upon request.

SOURCE REQUIREMENT FOR COMMODITY PROCUREMENT: Authorized source of procurement for all commodities covered under this Project Agreement will be United States only. Any procurement required to be made from non-U.S. sources shall be financed by the Royal Government of Afghanistan.

For the Cooperating Government or Agency

For the Agency for International Development

SIGNATURE:

F. R. Paszowak

SIGNATURE:

R. S. McClure

TITLE:

Rector, Kabul University

TITLE:

Director, USAID/A

3060093 (20)

AID 1330-1
(8-86)
PRO AG
FY 1971

PROJECT AGREEMENT
BETWEEN THE DEPARTMENT OF STATE, AGENCY FOR INTERNATIONAL DEVELOPMENT (AID),
AN AGENCY OF THE GOVERNMENT OF THE UNITED STATES OF AMERICA, AND

ROYAL MINISTRY OF EDUCATION
AN AGENCY OF THE GOVERNMENT OF AFGHANISTAN

PD-AAC-453

The above-named parties hereby mutually agree to carry out a project in accordance with the terms set forth herein and the terms set forth in any annexes attached hereto, as checked below:

- PROJECT DESCRIPTION ANNEX A FOREIGN CURRENCY STANDARD PROVISIONS ANNEX
- STANDARD PROVISIONS ANNEX SPECIAL LOAN PROVISIONS ANNEX

This Project Agreement is further subject to the terms of the following agreement between the two governments, as modified and supplemented:

- GENERAL AGREEMENT FOR TECHNICAL COOPERATION DATE 2/7/51
- ECONOMIC COOPERATION AGREEMENT DATE 6/23/56
- (other) DATE 6/30/53

1. PROJECT/ACTIVITY NO. 306-11-660-093, 1 PAGE 1 OF 1 PAGES

2. AGREEMENT NO. TE #8 (A) 3. ORIGINAL OR REVISION NO. _____

4. PROJECT/ACTIVITY TITLE
TECHNICAL EDUCATION
Afghan Institute of Technology
Technical Assistance . 1

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5. PROJECT DESCRIPTION AND EXPLANATION
(See Annex A attached)

6. AID APPROPRIATION SYMBOL 72-1111004 7. AID ALLOTMENT SYMBOL 154-50-306-00-69-11

8. AID FINANCING	PRECEDING TOTAL (\$)	INCREMENT (\$)	DECREASE (\$)	TOTAL TO DATE (\$)
(a) Total		\$141,200		\$141,200
(b) Contract Services		37,400		37,400
(c) Commodity		10,000		10,000
(d) XXXXXXXXXX Participants		43,800		43,800
9. COOPERATING AGENCY FINANCING - DOLLAR EQUIVALENT SECRET AIB 85				
(a) Total		(See narrative)		
(b) Technical and other services				
(c) Commodity				
(d) Other Costs				

10. (attach appropriate file - Additional Certification Sheets, if necessary)

11. DATE OF ORIGINAL EXECUTION December 31, 1970 12. DATE OF THIS REVISION 13. ESTIMATED FINAL CONTRIBUTION DATE June 30, 1973

14. FOR THE COOPERATING GOVERNMENT OR AGENCY
SIGNATURE: Saif R. Samadi DATE: 30/12/70
TITLE: H.E. Dr. Saiful R. Samadi
First Dy. Minister of Education

15. FOR THE AGENCY FOR INTERNATIONAL DEVELOPMENT
SIGNATURE: Bartlett Harvey DATE: 12/31/70
TITLE: Director, USAID/Afghanistan

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FY 1971
ANNEX A

PROJECT AGREEMENT
BETWEEN AID AND
MINISTRY OF EDUCATION
ROYAL
AN AGENCY OF THE GOVERNMENT OF
AFGHANISTAN

1. Project/Activity No.
306-11-660-093

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2. Agreement No.
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3. Original or
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3. Project/Activity Title TECHNICAL EDUCATION
AFGHAN INSTITUTE OF TECHNOLOGY
Technical Assistance

AFGHAN INSTITUTE OF TECHNOLOGY

Recognizing the high priority need in Afghanistan for technically trained manpower, both middle-level and upper-level, and the need to develop the training institutions under the responsible Ministry of Education department, the Royal Government of Afghanistan (RGA) and the United States Agency for International Development Mission in Afghanistan (USAID/A) enter into this Project Agreement concerned with the development of the Afghan Institute of Technology (AIT). This development, much of which has already been done in previous years, includes the staff, curricula, program and facilities of the Afghan Institute of Technology in order that the school may be capable of graduating trained middle-level technicians for Afghanistan's developing industrial economy, some to enter the work force immediately upon graduation and others to continue their studies in engineering.

A. Project Activity Targets

As stated in the Project Paper (PROP) on AIT Technical Assistance (8/18/66) the targets of this joint project are: adequate student enrollment; adequate trained staff; appropriate curricula, course outlines and teaching materials in six broad areas of study; supporting program activities; and adequate school plant including dormitories laboratories and shops with their basic equipment.

Minimum Levels of Output to be Met by AIT

1. A trained staff of approximately sixty teachers and administrators by 1972.
2. Budgetary support by the AIT sufficient to operate the school program.
3. An adequate plan, budget, and staff for maintenance and repair of the school plant and equipment.
4. Enrollment of 725 by 1972.
5. Approximately 150 graduates annually by 1972.
6. An adult training program for employed workers with an enrollment sufficient to meet the needs of the developing economy.
7. Establish on-the-job training programs for AIT students insofar as work stations are available.

For the Cooperating Government or Agency

For the Agency for International Development

SIGNATURE: _____ DATE: _____

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TITLE: _____

TITLE: _____

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CONTINUATION
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ANNEX A

PROJECT AGREEMENT
BETWEEN AID AND
MINISTRY OF EDUCATION
ROYAL
AN AGENCY OF THE GOVERNMENT OF
AFGHANISTAN

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TECHNICAL EDUCATION
AFGHAN INSTITUTE OF TECHNOLOGY
Technical Assistance

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The remainder of this Agreement describes the course of action, the responsibilities agreed to respectively by the two parties, and the funding requirements specified to U.S. contribution and RGA contribution.

B. Course of Action

1. The U.S. contract advisor (SIU) will advise the Director of AIT, and where possible the respective chief Afghan instructors in the fields of (a) building construction; (b) civil technology; (c) electrical and electronics technology; (d) auto mechanics; (e) aviation mechanics; and (f) mechanical technology on matters of course changes or developments, teaching methods, shop management and maintenance. The AIT staff will be responsible for the following activities with assistance from the advisor as needed in:

a. Continuing to improve the program at the AIT in the areas of curriculum development, local commodity purchases, school organization and administration, and faculty training. As far as possible, the AIT with the U.S. contract advisor shall attempt to develop by June 1971 a five year plan (1972-77) of action which will include such items as: staffing, salaries, consumable and equipment costs, plant maintenance, housing and feeding, deletion and addition to present training program, and revision of training objectives on an annual basis.

b. Strengthening the practical aspects of the AIT curriculum so that it may serve its primary purpose of producing middle-level technicians for immediate employment after graduation.

c. Upgrading instruction in the six shop areas of: (1) building construction, (2) civil technology, (3) electrical and electronics technology, (4) auto mechanics, (5) aviation, and (6) mechanical technology.

d. Ordering equipment accessories and repair items required for the maintenance of existing machinery in sufficient quantities to last for two years.

2. The RGA and USAID through the U.S. contractor advisor (SIU) will use recruiting and selective measures (academic and proficiency testing, interviews, and recommendations) to select the number of incoming students which is within the limits of AIT facilities (750) and instructional capabilities.

3. The U.S. contract advisor (SIU) along with appropriate AIT staff members will develop a schedule for a recommended annual maintenance program

For the Cooperating Government or Agency
SIGNATURE: _____ DATE: _____
TITLE: _____

For the Agency for International Development
SIGNATURE: _____ DATE: _____
TITLE: _____

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ANNEX A

PROJECT AGREEMENT
BETWEEN AID AND
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ROYAL
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TECHNICAL EDUCATION
Afghan Institute of Technology
Technical Assistance

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for care of equipment, buildings, power and heating plant, etc., for submission by the AIT Director for inclusion in the 1350 budget. Since one of the instructional objectives for student technicians is the maintenance of tools and equipment in excellent repair, a particular recommendation will include provisions for each training course to contain jobs or projects which involve such activities.

The Ministry of Education will provide an adequate and qualified maintenance staff and will include in the school's budget necessary revenue for building and equipment repairs.

4. The U.S. contractor advisor (SIU) will continue to provide assistance as needed to the Director of AIT and the President of Vocational Education, Ministry of Education, in the development of the following AIT activities. However, AIT and its staff will be responsible for all operational aspects of these activities.

a. On-the-job training programs where feasible for industries and/or RGA agencies. The AIT program now has one with the aviation industry and more will be added.

b. Teacher education for AIT staff which will include courses for beginning teachers and on-the-job training of experienced teachers.

c. Selection and preparation of a limited number of top quality and highly motivated young AIT graduates for the AIT staff.

d. Improved industry-school relationships through joint advisory committees and AIT graduate placement services.

For the Cooperating Government or Agency
SIGNATURE: _____ DATE: _____
TITLE: _____

For the Agency for International Development
SIGNATURE: _____ DATE: _____
TITLE: _____

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ANNEX A

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C. U.S. Contributions

1. Personnel

USAID will provide one full time advisor thru June 1972 and two man months of consultant services by contract with Southern Illinois University (AID/nesa-244).

2. Participants

Funds included in this ProAg are for the continuation of participants already in training. New Participants in FY 71 will be provided for under an amendment to this ProAg as soon as the question of the payment for participants' international travel is resolved by the RGA and USAID

3. Commodities

USAID will provide \$10,000 for commodities in support of the project; these will consist of replacement parts for USAID purchased supplies and equipment which are not available locally and miscellaneous equipment as required

4. Other Costs

Regional and invitational travel and locally procured supplies and equipment as required will be provided at the time of determination.

For the Cooperating Government or Agency	For the Agency for International Development
SIGNATURE: _____ DATE: _____	SIGNATURE: _____ DATE: _____
TITLE: _____	TITLE: _____

**PROJECT AGREEMENT
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**MINISTRY OF EDUCATION
ROYAL
AN AGENCY OF THE GOVERNMENT OF
AFGHANISTAN**

1. Project/Activity No.
306-11-660-093

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2. Agreement No.
TE #8 (A)

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Revision No. _____

3. Project/Activity Title
**TECHNICAL EDUCATION
Afghan Institute of Technology
Technical Assistance**

1. RGA Contribution:

The RGA will continue to provide from its own resources for the operation, maintenance and development of the Afghan Institute of Technology. It will provide a staff of 60 teachers (plus 6 new in U.S. training), 17 administrators and clerks, and 80 workers.

Item	Ordinary Budget - Afs.		
	Act. Exp. AFY 1318	Budget AFY 1319	Est. Budget AFY 1350
Salaries and personnel services	2,388,305	2,627,135	2,889,848
Feed	521,509	521,509	573,659
Diesel Fuel	589,500	589,500	648,450
Stationery and Supplies	74,641	74,641	82,105
Books	23,863	23,863	26,249
Sports Supplies	14,349	14,349	15,783
Clothing	1,705,196	1,705,196	1,875,715
TOTALS:	5,317,363	5,556,193	6,111,809
Dollar Equivalent 75 Afs = US \$1.00	\$ 62,557	65.367	71.901

Other Donor Contributors:

The World Food Program contributes milk and meat to the boarding students.

For the Cooperating Government or Agency

For the Agency for International Development

SIGNATURE: _____ DATE: _____

SIGNATURE: _____ DATE: _____

TITLE: _____

TITLE: _____

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PROJECT AGREEMENT BETWEEN AID AND MINISTRY OF EDUCATION ROYAL AN AGENCY OF THE GOVERNMENT OF AFGHANISTAN	1. Project/Activity No. 306-11-660-093	PAGE 7 OF 7 PAGES
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2. Project/Activity Title TECHNICAL EDUCATION Afghan Institute of Technology Technical Assistance		

STANDARD PROVISIONS FOR THE IMPORTATION OF COMMODITIES

FOR OCEAN SHIPMENT: Clearing, handling and onforwarding of commodities shall be provided by AID from supplier's Delivery Point, i.e., designated ocean port to FOB RGA-provided vehicle at the USAID Terminal Delivery Point nearest the project site, i.e., Peshawar or Chaman, Pakistan, Meshed, Iran or other such locations outside Afghanistan as USAID and RGA may jointly establish as an appropriate USAID Terminal Delivery Point for AID-financed surface shipments. Shipments will be made via Pakistan unless otherwise mutually agreed.

FOR OCEAN-AIR SHIPMENTS: Clearing, handling and onforwarding of commodities from Supplier's Delivery Point for ocean-air shipments via Beirut, Lebanon, i.e., Beirut, Lebanon to USAID Terminal Delivery Points, i.e., appropriate airports in Afghanistan, shall be financed by USAID.

FOR DIRECT AIR SHIPMENTS: Clearing, handling and forwarding of commodities from source of procurement to Supplier's Delivery Point, i.e., appropriate airports in Afghanistan, shall be financed by USAID. These are further designated as USAID Terminal Delivery Points.

The RGA undertakes to accept delivery of commodities at any of the above mentioned USAID Terminal Delivery Points within the free period and will provide and pay onward transportation and all other charges to Ultimate Destination, Afghanistan. The USAID similarly undertakes to schedule shipments to Terminal Delivery Points at a rate commensurate with RGA capability for supplying onforwarding transportation.

MAINTENANCE OF COMMODITY RECORDS: The recipient Ministry/Agency will prepare and issue reports for all commodities furnished under this project which are titled with the RGA within ten days after receipt of these commodities and will maintain necessary records to ensure proper control and use of the commodities for their intended purpose. These records will be maintained in English and AID personnel will be granted ready access to them upon request.

SOURCE REQUIREMENT FOR COMMODITY PROCUREMENT: Authorized source of procurement for all commodities covered under this Project Agreement will be United States only. Any procurement required to be made from non-U.S. sources shall be financed by the RGA.

For the Cooperating Government or Agency	For the Agency for International Development
SIGNATURE: _____ DATE: _____	SIGNATURE: _____ DATE: _____
TITLE: _____	TITLE: _____

PROAG CLEARANCE RECORD

A IDENTIFICATION

1. Project Name TECHNICAL EDUCATION, Afghan Institute of Technology, Technical Assistance
2. Project No. 306-11-660-003 3. Period of services to be covered by ProAg thru 6/72
4. USAID Project Manager Marvin Cernik
5. Division Education 6. ProAg No. TE #8 (A)

B. CLEARANCES:

	Draft	Date	Final	date
USAID Project Manager	<u>M.C.</u>	<u>12/14</u>	<u>M.C.</u>	<u>12/14</u>
RGA Project Officer	<u>X</u>			
Division Chief	<u>Edm</u>	<u>12/13</u>	<u>Edm</u>	<u>12/15</u>
Program Office Liaison	<u>X</u>		<u>JP</u>	<u>12/15/70</u>
Training Office	<u>C.R.</u>	<u>12/22/70</u>	<u>C.R.</u>	<u>12/22/70</u>
AD/DP	<u>X</u>			
CO	<u>X</u>	<u>12/22/70</u>	<u>H. Mansfield</u>	
PERS	<u>X</u>		<u>AS</u>	<u>12/21/70</u>
Supply Advisor	<u>X</u>	<u>12/30</u>	<u>AS</u>	<u>12/31/70</u>
AD/AC	<u>X</u>		<u>AS</u>	<u>12/21/70</u>
Director	<u>X</u>	<u>12/14</u>	<u>X</u>	
Other RJA	<u>X</u>		<u>H.A.F.S.</u>	
Other RGA	<u>X</u>			<u>30/12/70</u>

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PRO AG

PROJECT AGREEMENT
BETWEEN THE DEPARTMENT OF STATE, AGENCY FOR INTERNATIONAL DEVELOPMENT (AID),
AN AGENCY OF THE GOVERNMENT OF THE UNITED STATES OF AMERICA, AND
KABUL UNIVERSITY

PD-AAC-453

By 1971

ROYAL AFGHANISTAN
AN AGENCY OF THE GOVERNMENT OF

The above-named parties hereby mutually agree to carry out a project in accordance with the terms set forth herein and the terms set forth in any annexes attached hereto, as checked below:

1. PROJECT/ACTIVITY NO.
306-11-660-098
PAGE 1 OF 2 PAGES

2. AGREEMENT NO.
TE #8 (B)
3. ORIGINAL OR REVISION NO.

PROJECT DESCRIPTION ANNEX A
 FOREIGN CURRENCY STANDARD PROVISIONS ANNEX
 STANDARD PROVISIONS ANNEX
 SPECIAL LOAN PROVISIONS ANNEX

4. PROJECT/ACTIVITY TITLE
TECHNICAL EDUCATION
Faculty of Engineering,
Kabul University
15p.

This Project Agreement is further subject to the terms of the following agreement between the two governments, as modified and supplemented:

GENERAL AGREEMENT FOR TECHNICAL COOPERATION
DATE 2/7/51

5. PROJECT DESCRIPTION AND EXPLANATION
(See Annex E attached)

ECONOMIC COOPERATION AGREEMENT
DATE 6/23/56

6. AID APPROPRIATION SYMBOL 72-1111004
7. AID ALLOTMENT SYMBOL 154-50-306-00-69-11

(Other) TC Prog. Agm. as amended
DATE 6/30/53

2. AID FINANCING	PREVIOUS TOTAL (A)	INCREASE (B)	DECREASE (C)	TOTAL TO DATE (D)
<input checked="" type="checkbox"/> DOLLAR <input type="checkbox"/> LOCAL CURRENCY				
(a) Total		5,000		5,000
(b) Contract Services				
(c) Commodities		5,000		5,000
(d) Other Costs				
D. COOPERATING AGENCY FINANCING - DOLLAR EQUIVALENT				
(e) Total				
(f) Technical and other Services				
(g) Commodities				
(h) Other Costs				

10. SPECIAL PROVISIONS (Use Additional Continuation Sheets, if Necessary)
\$5,000 is provided under the continuing resolution for commodities that are urgently required. The main ProAg will be developed after the Agency allotments are known later this year.

11. DATE OF ORIGINAL AGREEMENT August 8, 1970
12. DATE OF THIS REVISION
13. ESTIMATED FINAL CONTRIBUTION DATE August 8, 1973

14. FOR THE COOPERATING GOVERNMENT OR AGENCY
SIGNATURE: [Signature]
DATE:
TITLE: Rector, Kabul University

15. FOR THE AGENCY FOR INTERNATIONAL DEVELOPMENT
SIGNATURE: Bartlett Harvey
DATE:
TITLE: Director, USAID/Afghanistan

ED/Em
AD/DP
AD/M
PRO
COO
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PROAG
CONTINUATION
SHEET
ANNEX A

**PROJECT AGREEMENT
BETWEEN AID AND
KABUL UNIVERSITY**

**ROYAL
AN AGENCY OF THE GOVERNMENT OF
AFGHANISTAN**

1. Project/Activity No.
308-II-660-098

2. Agreement No.
TE #8 (B)

3. Project/Activity Title
**TECHNICAL EDUCATION
Faculty of Engineering,
Kabul University**

3. Original or
Revision No. _____

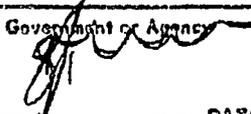
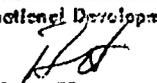
Commodities

The title and custody of these commodities as described on Page 1 is to rest as follows:

With RGA

<u>Code</u>	<u>Description</u>	<u>\$ Amount</u>
33	Petroleum and Petroleum Products	50.00
51	Chemical Elements and Compounds	50.00
58	Plastic Materials, Regenerate Cellulose and Artificial Resin	50.00
62	Rubber Manufactures	50.00
63	Wood and Cork Mfg excluding Furniture	200.00
66	Non-Metallic Mineral Mfg	50.00
67	Iron and Steel	100.00
68	Non-Ferrous Metals	100.00
69	Mfg of Metal	100.00
71	Machinery	200.00
72	Electric Machinery Apparatus and Appliances	550.00
86	Professional Scientific and Controlling Instrumentals	2000.00

Sub-Total 3500.00

For the Cooperating Government or Agency	For the Agency for International Development
	
SIGNATURE: _____ DATE: _____	SIGNATURE: Bartlett Harvey DATE: _____
TITLE: Rector, Kabul University	TITLE: Director, USAID/Afghanistan

PROAG
CONTINUATION
SHEET

ANNEX A

**PROJECT AGREEMENT
BETWEEN AID AND
KABUL UNIVERSITY**

**ROYAL
AN AGENCY OF THE GOVERNMENT OF
AFGHANISTAN**

1. Project/Activity No.
306-11-660-093

PAGE 3 OF 4 PAGES

2. Agreement No.
TE #8 (B)

3. Original or
Revision No. _____

3. Project/Activity Title
TECHNICAL EDUCATION
Faculty of Engineering,
Kabul University

With USAID/A

<u>Code</u>	<u>Description</u>	<u>\$ Amount</u>
64	Paper, Paperboard and Mfg thereof	1000.00
89	Miscellaneous Mfg Articles	500.00
	<u>Sub-Total</u>	1500.00
	<u>Total</u>	\$ 5000.00 ^{a/}

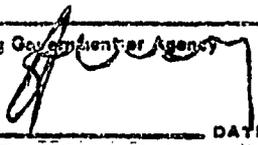
STANDARD PROVISIONS PERTAINING TO THE IMPORTATION OF COMMODITIES
UNDER THIS AGREEMENT

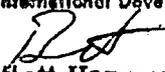
- (1) Source Requirements for Commodity Procurement: Authorized source of procurement for all USAID-financed commodities covered under this Project Agreement will be United States only. In case of any divergence from this policy, a separate waiver will be obtained for each non-U.S. source transaction in accordance with M. O. 1441.1.1.
- (2) For Ocean Shipment: Clearing, handling and on-forwarding of commodities shall be provided by AID from the supplier's delivery point; i. e., designated ocean port to F. O. B. RGA-provided vehicle at the USAID terminal delivery point nearest the project site; i. e., Peshawar or Chaman, Pakistan; Meshed, Iran, or such other location outside Afghanistan as USAID and RGA may jointly establish as an appropriate USAID terminal delivery point for AID-financed shipments. Shipments will be made via Pakistan unless otherwise mutually agreed.
- (3) For Ocean-Air Shipment: Clearing, handling and on-forwarding of commodities from supplier's delivery point for ocean-air shipments via Beirut, Lebanon (i. e., Beirut, Lebanon to USAID terminal delivery points; i. e., appropriate airports in Afghanistan) shall be financed by USAID.

(NOTE: STANDARD PROVISIONS are continued on next page, 4.)

For the Cooperating Government Agency

For the Agency for International Development

SIGNATURE: 
DATE: _____
TITLE: **Rector, Kabul University**

SIGNATURE: 
DATE: _____
TITLE: **Director, USAID/Afghanistan**

AID 7800-1A (U-99) PROAG CONTINUATION SHEET ANNEX <u>A</u>	PROJECT AGREEMENT BETWEEN AID AND KABUL UNIVERSITY	1. Project/Activity No. 306-11-660-093	PAGE <u>4</u> OF <u>4</u> PAGES
		2. Agreement No. TE #8 (B)	3. <input checked="" type="checkbox"/> Original or Revision No. _____
	ROYAL AN AGENCY OF THE GOVERNMENT OF AFGHANISTAN	3. Project/Activity Title TECHNICAL EDUCATION Faculty of Engineering, Kabul University	

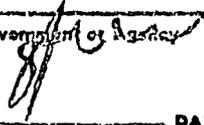
(4) For Direct-Air Shipment: Clearing, handling and on-forwarding of commodities from source of procurement to supplier's delivery point; i. e., appropriate airports in Afghanistan, shall be financed by USAID. These are further designated as USAID terminal delivery points.

(5) Delivery to Faculty of Engineering: The Royal Government of Afghanistan (Faculty of Engineering) will accept delivery of commodities titled in Faculty of Engineering at any of the above-mentioned USAID terminal delivery points within the free period and will provide and pay onward transportation and all other charges to ultimate destination; i. e., Afghanistan. The USAID similarly undertakes to so schedule shipments to terminal delivery points at a rate commensurate with RGA capability for supplying on-forwarding transportation.

(6) Delivery to USAID: USAID will accept delivery of commodities titled to USAID at any of the above-mentioned terminal delivery points for entry into Afghanistan and will provide onward transportation to ultimate destination in Afghanistan.

(7) Maintenance of Commodity Records: The recipient Ministry/Agency will prepare and issue reports for all commodities furnished under this project which are titled with the Royal Government of Afghanistan within ten days after receipt of these commodities and will maintain necessary records to insure proper control and use of the commodities for their intended purpose. These records will be maintained in English and USAID personnel will be granted ready access to them upon request.

a/ A delayed commodity procurement waiver under authority M. O. 712.4, Section III. A. 3a, for \$4500 is authorized by the Director to reserve funds for emergency purchases.

For the Cooperating Government or Agency  SIGNATURE: _____ DATE: _____ TITLE: Rector, Kabul University	For the Agency for International Development  SIGNATURE: Bartlett Harvey DATE: _____ TITLE: Director, USAID/Afghanistan
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PRO AG
FY 1971

PROJECT AGREEMENT
BETWEEN THE DEPARTMENT OF STATE, AGENCY FOR INTERNATIONAL DEVELOPMENT (AID),
AN AGENCY OF THE GOVERNMENT OF THE UNITED STATES OF AMERICA, AND
ROYAL KABUL UNIVERSITY

AN AGENCY OF THE GOVERNMENT OF AFGHANISTAN

The above-named parties hereby mutually agree to carry out a project in accordance with the terms set forth herein and the terms set forth in any annexes attached hereto, as checked below:

- PROJECT DESCRIPTION ANNEX A FOREIGN CURRENCY STANDARD PROVISIONS ANNEX
 STANDARD PROVISIONS ANNEX SPECIAL LOAN PROVISIONS ANNEX

This Project Agreement is further subject to the terms of the following agreement between the two governments, as modified and supplemented:

- GENERAL AGREEMENT FOR TECHNICAL COOPERATION DATE 2/7/51
 ECONOMIC COOPERATION AGREEMENT DATE 6/23/56
 (either: T.C. Program Agreement as amended DATE 6/30/53)

1. PROJECT/ACTIVITY NO. 306-11-660-093, 2 PAGE 1 OF 9 PAGES
2. AGREEMENT NO. TE #8 (3) C. ORIGINAL OR REVISION NO. 1
4. PROJECT/ACTIVITY TITLE
TECHNICAL EDUCATION 4p.
Faculty of Engineering
Kabul University

5. PROJECT DESCRIPTION AND EXPLANATION
(See Annex B attached)
6. AID APPROPRIATION SYMBOL 72-1111004 7. AID ALLOTMENT SYMBOL 151-50-306-00-69-11

	8. AID FINANCING		PREVIOUS TOTAL (A)	INCREASE (B)	DECREASE (C)	TOTAL TO DATE (D)
	<input checked="" type="checkbox"/> FOREIGN	<input type="checkbox"/> LOCAL CURRENCY				
(a) Total			5,000	511,800		516,800
(b) Contract Services			"	478,600		478,600
(c) Commodity			5,000	31,000		36,000
(d) PARTICIPANTS			"	2,200		2,200
9. CONTRIBUTING AGENCY FINANCING - DOLLAR EQUIVALENT						
91.000 = Afs. 85						
(a) Total	(See Narrative)					
(b) Technical and other Services						
(c) Commodities						
(d) Other Costs						

10. SPECIAL COMMENTS (Use Additional Certification Sheets if Necessary)

11. DATE OF ORIGINAL AGREEMENT August 8, 1970 12. DATE OF THIS REVISION December 29, 1970 13. ESTIMATED FINAL CONTRIBUTION DATE June 8, 1973

14. FOR THE GOVERNMENT OF AFGHANISTAN: 15. FOR THE AGENCY FOR INTERNATIONAL DEVELOPMENT

SIGNATURE: [Signature] DATE: 26-12-70 SIGNATURE: Bartlett Harvey DATE: 12/29/70
TITLE: Rect., Kabul University TITLE: Director, USAID/Afghanistan

PROAG
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FY 1971
ANNEX A

PROJECT AGREEMENT
BETWEEN AID AND
KABUL UNIVERSITY

ROYAL
AN AGENCY OF THE GOVERNMENT OF
AFGHANISTAN

1. Project/Activity No.
306-11-660-093

2. Agreement No.
TE #8 (B)

3. Original or
Revision No. 1

3. Project/Activity Title:
TECHNICAL EDUCATION
Faculty of Engineering, Kabul University

FACULTY OF ENGINEERING, KABUL UNIVERSITY

Recognizing the importance to Afghanistan's development of university-trained engineers and of a University Faculty which can provide such engineers in adequate quantity for the country's work force, the Royal Government of Afghanistan (RGA) and the United States Agency for International Development Mission in Afghanistan (USAID) hereby enter into a Project Agreement to work jointly toward the achievement of the objectives stated below. The two parties agree also to the course of action described, the respective responsibilities assigned to each of the two, and the funding requirements specified as to USAID and RGA contributions. Included below in this Agreement are (1) the joint activity targets of the two parties; (2) the course of action to be followed, specifying the responsibilities agreed to respectively by each of the two parties; and (3) the funding requirements stating the U.S. contribution and the RGA contribution.

I. Project Activity Targets

Reference: Project Paper (PROP) Faculty of Engineering, Kabul University, 8/18/69.

1. To develop by June 1973 an undergraduate university-level Engineering Faculty of Kabul University capable of graduating annually approximately 65 professionally qualified engineers at the B.S. level in the fields of mechanical, civil, electrical and agricultural engineering. The agricultural engineering program is jointly supported by the Faculty of Agriculture. An architectural program was added to the Faculty in 1967, which is partially supported by United States Education Commission (Fulbright).

2. To assist the Afghans in establishing a Faculty of Engineering in Kabul University with 40 trained teachers (presently there are 22 trained teachers with 18 in training abroad) with supporting staff of 10 technicians, 6 shop staff members, 5 secretaries, 7 supporting staff of administrator and business personnel, and an enrollment of 400 students (the current enrollment is 350) by June 1973. (When the 5th year is completed in FY 1972 an enrollment of 450 students is expected.)

II. Course of Action

A. Personnel

1. USAID will provide during FY 1971 eight (8) U.S. contract advisors to the Faculty of Engineering. These advisors will be provided to the United States Engineering Team (USET) by the Education Development Center, Inc. (EDC) under a USAID contract. Since U.S. assistance ends in FY 73, a permanent plan will be prepared jointly in FY 71.

For the Cooperating Government or Agency

For the Agency for International Development

SIGNATURE: _____ DATE: _____

SIGNATURE: _____ DATE: _____

TITLE: _____

TITLE: _____

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FY 1971 A
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**PROJECT AGREEMENT
BETWEEN AID AND
KABUL UNIVERSITY**

**ROYAL
AN AGENCY OF THE GOVERNMENT OF
AFGHANISTAN**

1. Project/Activity No.
306-11-660-093

2. Agreement No.
TE #8 (B)

3. Project/Activity Title
**TECHNICAL EDUCATION
Faculty of Engineering, Kabul University**

3. Original or
Revision No. 1

II. Course of Action
A. Personnel (contd)

2. The Faculty of Engineering, Kabul University, will create additional approved teaching positions in the Faculty during the period sufficient to provide for the planned growth of the Faculty. For AFY 1349 there are 39 positions and 68 positions are proposed for AFY 1350. This increase in positions will facilitate a faculty-student ratio of 1:7; a ratio which was approved recently by the University Senate. The University will make every effort to implement the policy.

3. The University will provide twelve (12) qualified technicians, during AFY 1349, as currently needed under the conditions of the 4 February 1970 memorandum to the University entitled "Employment Regulations and Concessions for Technical Staff Members" as jointly proposed by the applied science Faculties of Kabul University, and upon approval by the proper University authority. U.S. advisers will help train these Technical Staff members.

B. Curricula and Training

1. To the extent possible, responsibility for the conduct of courses at the Faculty is to be borne by the Afghan staff, with such assistance and guidance by U.S. advisers as appropriate. USET advisers will take responsibility for only about ten (10) percent of the courses for which no Afghan instructor is yet prepared to teach and in each such case will be assisted by an Afghan instructor-in-training.

2. Faculty instructors and other staff members now studying abroad under USAID sponsorship will continue their training programs if successful as stipulated in each respective PIO/P document. When a participant completes his training agreement (i.e. the PIO/P) he will promptly return to the Faculty which will, to the extent possible, provide a suitable academic position for him in the area of his training. The University will take steps to change the structure of academic ranks at the Faculty of Engineering as recommended in the proposed policy on appointment and promotions which was passed by the Faculty of Engineering on November 16, 1970.

3. The U.S. advisers will provide guidance and assistance to the Faculty of Engineering in administrative methods and procedures so that the academic program will have adequate support. Emphasis will be given to establishing procurement and fiscal and property accounting methods and procedures applicable to the special needs of the Faculty of Engineering in

For the Cooperating Government or Agency

For the Agency for International Development

SIGNATURE: _____ DATE: _____

SIGNATURE: _____ DATE: _____

TITLE: _____

TITLE: _____

**PROJECT AGREEMENT
BETWEEN AID AND**

**KABUL UNIVERSITY
ROYAL**

**AN AGENCY OF THE GOVERNMENT OF
AFGHANISTAN**

1. Project/Activity No.
305-11-660-093

2. Agreement No.
TE # 8 (B)

3. Project/Activity Title

Original or Revision No. 1

TECHNICAL EDUCATION

Faculty of Engineering, Kabul University

II. B. Curricula and Training (contd)

keeping with the uniform practices and policies of the University and drawing upon the assistance and guidance of the central administrative unit of the University and the Indiana University Contract Team as needed. The latter is assisting the Kabul University in central administration.

4. By the end of FY 73, the University will provide five (5) secretaries: one for academic assistance, one for the Dean's office, one for academic administration, one for the business office and one for the Seismic Station and academic assistance. At the present time two are in training and one is to be recruited. The U.S. advisers will assist and provide on-the-job training to these employees in maintenance of academic and office records and in secretarial support for class instruction.

5. The Faculty of Engineering, with the guidance and assistance of U.S. advisers, will continue to make intensive student recruiting efforts in appropriate locations throughout the country. In addition, the Faculty will continue a Pre-Engineering Program during the University's vacation period, which will assist a substantial number of entrants to the Faculty of Engineering from the Provinces.

The Faculty budget will provide funds for travel and per diem for the Afghan staff members who participate in recruiting efforts outside the Kabul area and will budget and provide funds for any Afghan staff teaching pre-engineering courses during vacation periods. The University will allocate Afs. 75,000 during AFY 1349 and 50 to support these activities.

6. The U.S. advisers will provide assistance to the newly established Practical Training Program for Faculty of Engineering students. A program will be maintained that will provide the most effective training consistent with the educational needs of Afghan students in accordance with the changing industrial situation in Afghanistan. The University will budget Afs. 250,000 in AFY 1349 and Afs. 1,580,200 in AFY 1350 (plus Afs. 30,000 for travel) for students' salaries as well as per diem of Afghan staff coordinators in this program.

7. The U.S. advisers will train the Faculty employees administering the Revolving Fund in accepted modern procedures of purchasing, accounting and storekeeping, in keeping with uniform business practices of the University.

C. Commodities, Maintenance and Facilities

1. In FY 1971, USAID will provide limited commodities as broadly

For the Cooperating Government or Agency		For the Agency for International Development	
SIGNATURE: _____	DATE: _____	SIGNATURE: _____	DATE: _____
TITLE: _____		TITLE: _____	

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PROJECT AGREEMENT

BETWEEN AND AMONG

KABUL UNIVERSITY
KUISL

AN AGENCY OF THE GOVERNMENT OF
AFGHANISTAN

1. Project/Activity No.
305-11-660-093
2. Agreement No.
TE #8 (B)
3. Reporting Unit

4. Original or
Revision No. 1

TECHNICAL EDUCATION
Faculty of Engineering, Kabul University

II. C. Commodities, Maintenance and Facilities (contd)

specified in the U.S. contribution section of this Project Agreement. The Faculty of Engineering will make a provision in the AFY 1350 budget, including necessary access to foreign exchange, for maintenance or eventual replacement and procurement of laboratory, shop equipment and shop supplies. Concomitantly, USAID contribution of commodities will be reduced in amounts or value.

2. The Faculty of Engineering will designate English-speaking staff members who will receive on-the-job training in modern commodity control. The transferring of title and custody of all U.S. purchased commodities to the RGA (Kabul University) will continue. Close cooperation will be maintained with the University's central administration as modern practices in warehousing, inventory, commodity issuance, etc., are initiated, in order that Faculty of Engineering procedures in these activities may be in accordance with the developing uniform administrative practices of the University.

3. The University will provide approximately Af\$ 275,000 in AFY 1349 and an estimated Af\$ 325,000 in AFY 1350 for maintenance of the Faculty of Engineering buildings.

4. The University will provide adequate facilities and services, including heat and utilities, for operations during winter periods. The heat will be provided when needed, rather than turned on during a specified date late in the winter, so as to preserve delicate instruments and to make various experiments possible.

5. The University will continue to provide to the Faculty of Engineering an appropriate Revolving Fund for normal, routine expenditures under RGA Major Object Budget Chapters 300 (Materials, Supplies, and Parts) and 400 (Equipment). This fund will be provided and managed in keeping with the approved business procedures of the RGA. Expenditures under the Revolving Fund are to be made within the Faculty's total annual budget, since the purpose of the Fund is not to increase the total budget, but rather to facilitate the timely and convenient purchasing of miscellaneous small items vital to the teaching program. Repayments into the Revolving Fund will be made promptly by the central administration upon the Faculty's submission from time to time of receipts for proper expenditures made from the fund.

6. The University will budget and make prompt payments to the

For the Cooperating Government or Agency

For the Agency for International Development

SIGNATURE: _____ DATE: _____
TITLE: _____

SIGNATURE: _____ DATE: _____
TITLE: _____

PROAG
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Y 1971
ANNEX A

**PROJECT AGREEMENT
BETWEEN USAID AND**

**KABUL UNIVERSITY
ROYAL**

**AN AGENCY OF THE GOVERNMENT OF
AFGHANISTAN**

1. Project Activity No.
300-11-660-093

2. Agreement No.
TE #8 (B)

3. Project/Activity Title

TECHNICAL EDUCATION

Faculty of Engineering, Kabul University

PAGE 6 OF 9 PAGES

3. Original or
Revision No. 1

II. C. Commodities, Maintenance and Facilities (contd)

contractors listed below so that work may be continued on the new engineering research building so that it will be ready for operation by September 1971.

	Total per Contract	Actual expenditures incurred as of Dec. '70
Wadan & Co	Afs. 11,074,194	90%
Hainemann & Co	DM 322,250.20	75%
Siemens Co	DM 153,028.00	60%

U.S. advisors will assist in planning and implementing the move into the new building.

D. Research

1. The University will support the Faculty's program of applied research relating to engineering in Afghanistan, and will provide space in the new Engineering building as well as personnel needed to continue applied engineering research and consulting at the Faculty of Engineering. At this stage of development one senior engineer and two technicians, one civil and one mechanical-electrical, are required.

2. The University will continue to support the operation of the Seismic Station by providing the necessary personnel, including the director, one technician and three research assistants to work on research, reading and interpreting the records. Guards are being provided by the Ministry of Interior. Extra annual compensation in the amount of Afs. 38,400 will be provided for Faculty of Engineering staff who work at the Seismic Station in addition to their regular duties. About Afs. 25,000 will be provided by the University for operational costs of the Station. Transportation to the Seismic Station will be provided by the University. USAID will continue to offer advice to the Faculty of Engineering on operations and related activities of the Station. Some special parts and equipment are expected to be provided by the U.S. Coast and Geodetic Survey.

3. Though responsibility for operation and maintenance of the sewage disposal plant rests with the central University administration, the Faculty of Engineering will provide advisory service for its operation. The Faculty of Engineering will also train the technicians employed by the University to operate the plant. The Faculty's responsibility includes only the above-listed functions; the budget for operation and maintenance of the plant being provided by the University outside the Faculty of

For the Cooperating Government or Agency

For the Agency for International Development

SIGNATURE: _____ DATE: _____

SIGNATURE: _____ DATE: _____

TITLE: _____

TITLE: _____

PROAC
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QUEST
FY 1971
ANNEX A

PROJECT AGREEMENT
BETWEEN AID AND
KABUL UNIVERSITY
KUXAA
AN AGENCY OF THE GOVERNMENT OF
AFGHANISTAN

1. Project/Activity No.
306-11-660-093

2. Agreement No.
TE #8 (B)

Original no 1
Revision No.

3. Project/Activity Title
TECHNICAL EDUCATION
Faculty of Engineering, Kabul University

II. D. Research (contd)

Engineering budget. However, an amount of \$6,000 is allocated for commodities (pipes and related sewage equipment) for research, demonstration and pilot studies in the area of oxidation and pit sewage treatment. This will be done jointly with the Faculty of Engineering and the USET Team.

III. U.S. Contribution

A. Personnel

USAID will provide one full time direct hire Educational Advisor and \$410,200 to continue the contract with EDC (AID/nesa-76) for eight U.S. Advisors thru March 1972.

B. Participants

\$68,400 is included to continue participants now in training under the EDC contract and \$2,200 to fund one participant programmed in FY 1970. New participants in FY 1971 will be provided for under an amendment to this Project as soon as the question of payment for participants' international travel is resolved by the RGA and USAID.

C. Commodities

Textbooks, training materials, research materials and equipment, office supplies, replacement parts for U.S. purchased equipment not available locally, sewage pipes-equipment, and miscellaneous related items will be purchased, but not to exceed a total of \$36,000.

D. Other Costs

Regional and local travel and locally procured supplies and equipment as required will be provided at the time of determination.

IV. RGA Contribution

The RGA will continue to administer, operate and maintain the facilities and programs associated with this project activity. The Faculty of Engineering will provide a staff of 22 teachers, 12 administrators and clerks and 16 technicians plus Afs. \$5,000 for office supplies which will be used by the staff.

For the Cooperating Government or Agency

For the Agency for International Development

SIGNATURE: _____ DATE: _____
TITLE: _____

SIGNATURE: _____ DATE: _____
TITLE: _____

PROAG
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SHEET
FY 1971
ADDER A

PROJECT AGREEMENT

BETWEEN AID AND

KABUL UNIVERSITY
ROYAL

AN AGENCY OF THE GOVERNMENT OF
AFGHANISTAN

1. Project/Activity No.
306-11-660-093

PAGE 8 OF 2 PAGES

2. Agreement No.
TE #8 (B)

3. Original or
Revision No. 1

3. Project/Activity Title

TECHNICAL EDUCATION
Faculty of Engineering, Kabul University

IV. RGA Contribution (contd)

Regular (or Operating) Budget

Total Actual Expenditures AFY 1348 (FY 1970)	Total Pending Budget AFY 1349 (FY 1971)	Total Est. Proposed Budget AFY 1350 (FY 1972)
Afs. 2,307,260 \$ equiv. 27,144	Afs. 5,183,350 80,981	Afs. 7,618,520 89,630

The University's development budget for the Faculty of Engineering for AFY 1349 is Afs. 8,460,000.

V. Other Donor Contributions

Support is being provided to the Faculty of Engineering by the Peace Corps (teaching English), Fulbright Commission (in the Department of Architecture), and World Health Organization (sanitary engineer). The U.S. Coast and Geodetic Survey is expected to offer specific parts and equipment to the University's Seismic Station.

STANDARD PROVISIONS FOR THE IMPORTATION OF COMMODITIES

FOR OCEAN SHIPMENT: Clearing, handling and forwarding of commodities shall be provided by AID from supplier's Delivery Point, i.e., designated ocean port to F.O.B. RGA-provided vehicle at the USAID Terminal Delivery Point nearest the project site, i.e., Peshawar or Chaman, Pakistan; Meshed, Iran, or such other locations outside Afghanistan as USAID and RGA may jointly establish as an appropriate USAID Terminal Delivery Point for AID-financed surface shipments. Shipments will be made via Pakistan unless otherwise mutually agreed.

FOR OCEAN-AIR SHIPMENTS: Clearing, handling and forwarding of commodities from Supplier's Delivery Point, for ocean-air shipments via Beirut, Lebanon, i.e., Beirut, Lebanon to USAID Terminal Delivery Points; i.e., appropriate airports in Afghanistan, shall be financed by USAID.

The Royal Government of Afghanistan undertakes to accept delivery of commodities at any of the above-mentioned USAID Terminal Delivery Points within the free period and will provide and pay onward transportation and all other charges to Ultimate Destination, Afghanistan. The USAID similarly undertakes to so schedule shipments to Terminal Delivery Points at a rate commensurate with RGA capability for supplying onward transportation.

For the Cooperating Government or Agency

For the Agency for International Development

SIGNATURE

DATE

SIGNATURE

DATE

TITLE

TITLE

PROAG
CONTINUATION
SHEET
FY 1971
ANNEX A

PROJECT AGREEMENT
BETWEEN AID AND
KABUL UNIVERSITY

ROYAL
AN AGENT OF THE GOVERNMENT OF
AFGHANISTAN

1. Project/Activity No.
306-11-660-093
2. Agreement No.
TE #8 (D)
3. Project/Activity Title

Original or
Revision No. 1

TECHNICAL EDUCATION
Faculty of Engineering, Kabul University

MAINTENANCE OF COMMODITY RECORDS: The recipient Ministry/Agency will prepare and issue reports for all commodities furnished under this project which are titled with the Royal Government of Afghanistan within ten days after receipt of these commodities and will maintain necessary records to ensure proper control and use of the commodities for their intended purpose. These records will be maintained in English and AID personnel will be granted ready access to them upon request.

SOURCE REQUIREMENT FOR COMMODITY PROCUREMENT: Authorized source of procurement for all commodities covered under this Project Agreement will be United States only. Any procurement required to be made from non-U.S. sources shall be financed by the Royal Government of Afghanistan.

For the Cooperating Government or Agency

For the Agency for International Development

SIGNATURE: _____ DATE: _____

SIGNATURE: _____ DATE: _____

TITLE: _____

TITLE: _____

PROAG CLEARANCE RECORD

A. IDENTIFICATION

1. Project Name TECHNICAL EDUCATION, Faculty of Engineering,
Kabul University

2. Project No. 306-11-660-093 3. Period of services to be covered

4. USAID Project Manager Marvin Cerank by ProAg thru 6/73

5. Division Education 6. ProAg No. TE 48 (B)

B. CLEARANCES:

	<u>DRAFT</u>	<u>DATE</u>	<u>FINAL</u>	<u>DATE</u>
USAID Project Manager	<u>M.C.</u>	<u>12/10</u>	<u>M.C.</u>	<u>12/15</u>
RGA Project Officer	<u>X</u>		<u>PR</u>	<u>12/23</u>
Division Chief	<u>ELm</u>	<u>12/14</u>	<u>ELm</u>	<u>12/16</u>
Program Office Liaison	<u>JP</u>	<u>12/15</u>	<u>JP</u>	<u>12/15</u>
Training Office	<u>PR</u>	<u>12/22/70</u>	<u>PR</u>	<u>12/22/70</u>
AD/DP	<u>X</u>		<u>PR</u>	<u>12/15/70</u>
CO	<u>PR</u>	<u>12/22/70</u>	<u>PR</u>	<u>12/22/70</u>
PERIS	<u>X</u>		<u>PR</u>	<u>12/22/70</u>
Supply Advisor	<u>PR</u>	<u>12/22/70</u>	<u>PR</u>	<u>12/22/70</u>
AD/PI	<u>X</u>		<u>PR</u>	<u>12/22/70</u>
Director	<u>PR</u>	<u>12/22/70</u>		<u>X</u>
Other RGA	<u>X</u>			<u>X</u>
Other RGA	<u>X</u>			<u>X</u>

UNITED STATES OF AMERICA
Agency for International Development
Kabul, Afghanistan

SUBJECT: Delayed Commodity Procurement of FY 1971 Funds
PROJECT: TECHNICAL EDUCATION, Faculty of Engineering,
Kabul University
NUMBER: 306-11-660-093

Under authority of M.O. 712.4 Section III.A.3a., a waiver is hereby granted for the delayed procurement of commodities in the amount of \$24,320.

This waiver is required in order to reserve funds for purchases of replacement parts for machinery and equipment and supplies, and in order to coordinate AID purchases with those made by the ROA of items locally available.

This amount will be supported by PIO/Cs or necessary Purchase Orders within six months from the date of this Project Agreement.

Approved: Bartlett Harvey

Bartlett Harvey
Director, USAID/Afghanistan

Date: 12/29/70

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3060093 (22)
 PD-AAC-453

AID 1330-1
 (8-04)
 PRO AG
 FY 1972

PROJECT AGREEMENT
BETWEEN THE DEPARTMENT OF STATE, AGENCY FOR INTERNATIONAL DEVELOPMENT (AID),
AN AGENCY OF THE GOVERNMENT OF THE UNITED STATES OF AMERICA, AND
KABUL UNIVERSITY

ROYAL
 AN AGENCY OF THE GOVERNMENT OF AFGHANISTAN

The above-named parties hereby mutually agree to carry out a project in accordance with the terms set forth herein and the terms set forth in any annexes attached hereto, as checked below:

- PROJECT DESCRIPTION ANNEX A FOREIGN CURRENCY STANDARD PROVISIONS ANNEX
 STANDARD PROVISIONS ANNEX SPECIAL LOAN PROVISIONS ANNEX

This Project Agreement is further subject to the terms of the following agreement between the two governments, as modified and supplemented:

- GENERAL AGREEMENT FOR TECHNICAL COOPERATION DATE 2/7/51
 ECONOMIC COOPERATION AGREEMENT DATE 6/23/56
 (office) DATE 6/30/53

1. PROJECT/ACTIVITY NO. 306-11-660-093 PAGE 1 OF 3 PAGES

2. AGREEMENT NO. TE #9 3. ORIGINAL OR REVISION NO.

4. PROJECT/ACTIVITY TITLE: TECHNICAL EDUCATION (Faculty of Engineering) 15p.

5. PROJECT DESCRIPTION AND ESTIMATION (See Annex A, etc. See)

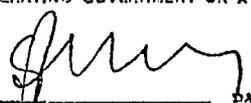
6. AID APPROPRIATION SYMBOL: 72-1121004 7. AID ALLOTMENT SYMBOL: 254-50-306-00-69-21

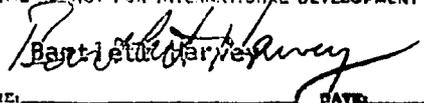
8. AID FINANCING	PREVIOUS TOTAL (A)	INCREASE (B)	DIFFERENCE (C)	TOTAL TO DATE (D)
(a) Total		2,500		2,500
(b) Contract Services				
(c) Commodities		2,500		2,500
(d) Other Costs				
9. COOPERATING AGENCY FINANCING - DOLLAR EQUIVALENT				
(a) Total				
(b) Technical and other Services				
(c) Commodities				
(d) Other Costs				

10. SPECIAL PROVISIONS (See Additional Conditions, Annex B, if necessary): \$2500 is provided for commodities that are urgently required to meet needs that could not be anticipated earlier. These include special equipment components for the Mechanical Engineering Laboratory and books and materials for special and elective classes to begin in September 1971.* The main ProAg will be developed after the Agency allotments are known later in the year.

*The title and custody of these commodities rests with RGA.

11. DATE OF ORIGINAL AGREEMENT: September 11, 1971 12. DATE OF THIS REVISION: 13. ESTIMATED FINAL CONTRIBUTION DATE: June 11, 1974

14. FOR THE COOPERATING GOVERNMENT OR AGENCY
 SIGNATURE:  DATE: 9/7/71
 TITLE: President, Kabul University

15. FOR THE AGENCY FOR INTERNATIONAL DEVELOPMENT
 SIGNATURE:  DATE: 9/11/71
 TITLE: Director, USAID/A, Kabul

PROJECT AGREEMENT BETWEEN AID AND KABUL UNIVERSITY ROYAL AN AGENCY OF THE GOVERNMENT OF AFGHANISTAN	1. Project/Activity No. 306-11-660-093	PAGE <u>2</u> OF <u>3</u> PAGES
	2. Agreement No. TE #9	3. <input checked="" type="checkbox"/> Original or Revision No. _____
	3. Project/Activity Title Technical Education (Faculty of Engineering)	

STANDARD PROVISIONS FOR COMMODITIES PROCUREMENT

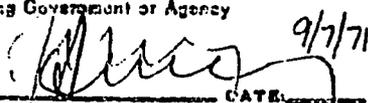
1.(a) For Ocean Shipment: Clearing, handling and on-forwarding of commodities shall be provided by AID from the supplier's delivery point; i.e., designated ocean port of F.O.B. RGA-provided vehicle at the USAID terminal delivery point nearest the project site; i.e., Peshawar or Chaman, Pakistan; Meshed, Iran, or such other location outside Afghanistan as USAID and RGA may jointly establish as an appropriate USAID terminal delivery point for AID-financed shipments. Shipments will be made via Pakistan unless otherwise mutually agreed.

For Ocean-Air Shipment: Clearing, handling and on-forwarding of commodities from supplier's delivery point for ocean-air shipments via Beirut, Lebanon; i.e., Beirut, Lebanon to USAID terminal delivery points; i.e., appropriate airports in Afghanistan, shall be financed by USAID.

For Direct-Air Shipment: Clearing, handling and on-forwarding of commodities from source of procurement to supplier's delivery point; i.e., appropriate airports in Afghanistan, shall be financed by USAID. These are further designated as USAID terminal delivery points.

1. (b) Delivery to Faculty of Engineering: The Royal Government of Afghanistan (Faculty of Engineering) will accept delivery of commodities titled in Faculty of Engineering at any of the above-mentioned USAID terminal delivery points within the free period and will provide and pay onward transportation and all other charges to ultimate destination; i.e., Afghanistan. The USAID similarly undertakes to so schedule shipments to terminal delivery points at a rate commensurate with RGA capability for supplying on-forwarding transportation.

2. Maintenance of Commodity Records: The recipient Ministry/Agency will prepare and issue reports for all commodities furnished under this project which are titled with the Royal Government of Afghanistan within ten days after receipt of these commodities and will maintain necessary records to insure proper control and use of the commodities for their intended purpose. These records will be maintained in English and USAID personnel will be granted ready access to them upon request.

For the Cooperating Government or Agency  SIGNATURE: _____ DATE: <u>9/7/71</u> TITLE: <u>President, Kabul University</u>	For the Agency for International Development Bartlett Harvey, Director SIGNATURE: _____ DATE: _____ TITLE: <u>Director, USAID/A</u>
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AID 1000-1A
(8-68)

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SHEET

ANNEX

**PROJECT AGREEMENT
BETWEEN AID AND
KABUL UNIVERSITY**

**ROYAL
AN AGENCY OF THE GOVERNMENT OF
AFGHANISTAN**

1. Project/Activity No.
306-11-660-093

2. Agreement No.
TE #9

3. Project/Activity Title
**Technical Education
(Faculty of Engineering)**

PAGE 3 OF 3 PAGES

2. Original or
Revision No. _____

3. Source Requirements for Commodity Procurement: Authorized source of procurement for all USAID-financed commodities covered under this Project Agreement will be United States only. In case of any divergence from this policy, a separate waiver will be obtained for each non-U.S. source transaction in accordance with M.O. 1441.1.1.

For the Cooperating Government or Agency

For the Agency for International Development

SIGNATURE: _____ DATE: 9/7/71
TITLE: **President, Kabul University**

SIGNATURE: **Bartlett Harvey** DATE: _____
TITLE: **Director, USAID/A**

ProAg CLEARANCE RECORD

I.A. IDENTIFICATION

1. Project Title: Technical Education (Faculty of Engineering)
2. Project No. 306-11-660-093 3. Period Covered FY 72
4. USAID Project Manager A. R. Lanza
5. Division Education 6. ProAg No. TE #9

B. CLEARANCE

- RGA
Project Manager.....
- USAID
Project Manager.....
- Division Chief.....
- AD/DP Liaison Officer.....
- Training Officer.....
- AD/DP.....
- CU - BSA.....
- CU.....
- AD/M - Pers.....
- Supply Advisor.....
- AD/M.....
- Director.....

9/7/71	9/7/71
8/24/71	8/24/71
8/24/71	8/24/71
8/24/71	8/24/71
X	X
X	X

PRO AG

FY 1972

PROJECT AGREEMENT
BETWEEN THE DEPARTMENT OF STATE, AGENCY FOR INTERNATIONAL DEVELOPMENT (AID),
AN AGENCY OF THE GOVERNMENT OF THE UNITED STATES OF AMERICA, AND
Kabul University

Royal
 AN AGENCY OF THE GOVERNMENT OF Afghanistan

The above-named parties hereby mutually agree to carry out a project in accordance with the terms set forth herein and the terms set forth in any annexes attached hereto, as checked below:

- PROJECT DESCRIPTION ANNEX A FOREIGN CURRENCY STANDARD PROVISIONS ANNEX
 STANDARD PROVISIONS ANNEX SPECIAL LOAN PROVISIONS ANNEX

This Project Agreement is further subject to the terms of the following agreement between the two governments, as modified and supplemented:

- GENERAL AGREEMENT FOR TECHNICAL COOPERATION DATE: 2/7/51
 ECONOMIC COOPERATION AGREEMENT DATE: 6/25/56
 (other) DATE: 6/30/53

1. PROJECT/AGENCY NO. PAGE 1 OF 1 PAGES
 806-11-600-908 2

2. AGREEMENT NO. 3. ORIGINAL OR REVISION NO. 2
 TE #9

4. PROJECT/AGENCY TITLE
 Technical Education
 (Faculty of Engineering) 11p.

5. PROJECT COMPLETION / TO BE DETERMINED
 (See Annex 3 attached)

6. AID REFERENCE NUMBER 7. FUNDING CYCLE
 72-1121994 284-50-306--70-69-21

8. AID FUNDING	9. TECHNICAL COOP.	10. ECONOMIC COOP.	11. TOTAL TO DATE
(A)	(B)	(C)	(D)
(a) Total	13,500	519,600	533,100
(b) General Services	-	518,000	518,000
(c) Other	13,500	-	13,500
(d) Students Participants	-	1,600	1,600
9. COOPERATING AGENCY FUNDING - DOLLAR EQUIVALENT			
(a) Total			
(b) Technical and other Services			
(c) Consultants			
(d) Other costs			

10. SPECIAL PROVISIONS (See Middle East Center for Events, if necessary)

11. DATE OF ORIGINAL AGREEMENT 12. DATE OF THIS REVISION 13. LATEST FUND CONTRIBUTION DATE
 September 11, 1971 12/30/71 June 30, 1974

14. FOR THE COOPERATING GOVERNMENT OR AGENCY 15. FOR THE AGENCY FOR INTERNATIONAL DEVELOPMENT

SIGNATURE: *[Signature]* DATE: 12/30/71
 TITLE: President, Kabul University

SIGNATURE: *[Signature]* DATE: 12/30/71
 TITLE: Director, USAID/A

**PROJECT AGREEMENT
BETWEEN AID AND**

Kabul University

**Royal
AN AGENCY OF THE GOVERNMENT OF
Afghanistan**

1. Project/Activity No.

808-11-660-003

2. Agreement No.

TE #9

2. Project/Activity Title

**Technical Education
(Faculty of Engineering)**

Original or

Revision No. 2

Recognizing the importance to Afghanistan's development of university-trained engineers and of a University Faculty which can provide such engineers in adequate quantity for the country's work force, the Royal Government of Afghanistan (RGA) and the United States Agency for International Development Mission in Afghanistan (USAID) hereby enter into a Project Agreement to work jointly toward the achievement of the objectives stated below. The two parties agree also to the course of action described, the respective responsibilities assigned to each of the two, and the funding requirements specified as to USAID and RGA contributions. Included below in this Agreement are (1) the joint activity targets of the two parties; (2) the course of action to be followed, specifying the responsibilities agreed to respectively by each of the two parties; and (3) the funding requirements stating the U.S. contribution and the RGA contribution.

A. Project Activity Targets

Reference: Project Paper (PROP) Faculty of Engineering, Kabul University, 8/18/69.

1. To develop by June 1973 an undergraduate university-level Engineering Faculty of Kabul University capable of graduating annually approximately 65 professionally qualified engineers in the fields of mechanical, civil, electrical and agricultural engineering. The agricultural engineering program is jointly supported by the Faculty of Agriculture. An architectural program was added to the Faculty in 1967, which is partially supported by United States Education Commission (Fulbright) and the Peace Corps.

2. To assist the Afghans in establishing a Faculty of Engineering in Kabul University with 40 trained teachers with a laboratory staff of 12 technicians, 8 shop staff members, 5 secretaries, 8 supporting staff of administrators and business personnel.

B. Course of Action

1. The Faculty of Engineering, Kabul University, will create additional approved teaching positions in the Faculty during the period sufficient to provide for the planned growth of the Faculty. For AFY 1349 there were 39 positions and 68 positions have been proposed for AFY 1350 and 1351. This increase in positions will facilitate a faculty-student ratio of 1:12 a ratio which was approved recently by the University Senate. The University will make every effort to implement the action.

For the Cooperating Government or Agency

For the Agency for International Development

SIGNATURE: _____

DATE: _____

TITLE: President, Kabul University

SIGNATURE: *Bartlett Harvey*

Bartlett Harvey

DATE: _____

TITLE: Director, USAID/A

Director, USAID/A

PROAG
CONTINUATION
SHEET

ANNEX A

**PROJECT AGREEMENT
BETWEEN AID AND**

Kabul University
Royal
AN AGENCY OF THE GOVERNMENT OF
Afghanistan

1. Project/Activity No.

306-11-660-093

2. Agreement No.

TE #9

3. Project/Activity Title

Technical Education
(Faculty of Engineering)

PAGE 3 OF 10 PAGES

2. Original or

Revision No. 2

2. To the extent possible, responsibility for the conduct of courses at the Faculty is to be borne by the Afghan staff, with such assistance and guidance by U.S. advisers as appropriate. USET advisers will develop a plan of action to cover the period through June 1973 that will insure an orderly phase-out of responsibilities for which an Afghan Instructor will assume.

3. The U.S. advisers will provide guidance and assistance to the Faculty of Engineering in administrative organization, methods, and procedures so that the academic program will have adequate support. Emphasis will be given to (a) student affairs including methods of keeping records, (b) academic affairs including administration of courses and special programs, (c) business affairs including the procurement, fiscal, and property accounting methods and procedures. These operations will be adjusted to meet the special needs of the Faculty of Engineering in keeping with the uniform practices and policies of the University and drawing upon the assistance and guidance of the Central Administration unit of the University and the Indiana University Contract team as needed. The latter is assisting Kabul University in Central Administration.

4. The Faculty of Engineering, with the guidance and assistance of U.S. advisers, will continue to make intensive student recruiting efforts in appropriate locations throughout the country. In addition, the Faculty will continue a Pre-Engineering Program during the University's vacation period, which will assist a substantial number of entrants to the Faculty of Engineering from the Provinces.

5. The U.S. advisers will provide assistance to the newly established Practical Training Programs for Faculty of Engineering students. A program will be maintained that will provide the most effective training consistent with the educational needs of Afghan students in accordance with the changing industrial and rural development situation in Afghanistan.

6. In order to complete the construction of the new engineering building by the Spring of 1972, the University will expedite the approval by the Prime Ministry of the modified contract with Siemens Company. The University will also secure the reallocation of funds from the Ministry of Planning for the new engineering building. The University will then budget and make prompt payments to the contractors listed below so that construction may resume:

For the Cooperating Government or Agency

SIGNATURE: [Signature]
TITLE: President, Kabul University

For the Agency for International Development

SIGNATURE: [Signature]
TITLE: Director, USAID/A

DATE: _____

PROAG
CONTINUATION
SHEET

ANNEX A

**PROJECT AGREEMENT
BETWEEN AID AND**

Kabul University

**Royal
AN AGENCY OF THE GOVERNMENT OF
Afghanistan**

1. Project/Activity No.

376-11-660-093

PAGE 4 OF 10 PAGES

2. Agreement No.

TE #9

3. Original or

Revision No. 2

3. Project/Activity Title

**Technical Education
(Faculty of Engineering)**

Total for Contract

Remaining funds to be
paid as of December 1971

Waden & Co.	Afs. 11,074,194	10%
Heinemann & Co.	DM 323,250.20	25%
Siemens Co.	DM 153,028.00	40%

U.S. advisors will assist in planning and implementing the move into the new building.

7. The University will support the Faculty's program of applied research relating to engineering in Afghanistan, and will provide space in the new Engineering building as well as personnel needed to continue applied engineering research and consulting at the Faculty of Engineering. At this stage of development one senior engineer and two technicians, one civil and one mechanical-electrical, are required.

8. The University will continue to support the operation of the Seismic Station by providing the necessary personnel, including the director, one technician and three research assistants to work on research, reading and interpreting the records. Guards are being provided by the Ministry of Interior. Extra annual compensation in the amount of Afs. 38,400 will be provided for Faculty of Engineering staff who work at the Seismic Station in addition to their regular duties. About Afs. 25,000 will be provided by the University for operational costs of the Station. Transportation to the Seismic Station will be provided by the University. USAID will continue to offer advice to the Faculty of Engineering on operations and related activities of the Station. Some special parts and equipment are expected to be provided by the U.S. Coast and Geodetic Survey.

9. Though responsibility for operation and maintenance of the sewage disposal plant rests with the Central University Administration, the Faculty of Engineering will provide advisory service for its operation. The Faculty of Engineering will also train the technicians employed by the University to operate the plant. The Faculty's responsibility includes only the above-listed functions, the budget for operation and maintenance of the plant being provided by the University outside the Faculty of Engineering budget.

C. Progress to Date:

The Faculty of Engineering has 64 enrollees in the 5th year course scheduled to graduate in June 1972; this is one less than the target of 65 to be reached in June 1973. In the 4th year class there are 67 students who, if successful in their studies, are scheduled to graduate in June 1973.

For the Cooperating Government or Agency

For the Agency for International Development

SIGNATURE: [Signature] DATE: _____

SIGNATURE: Bartlett Harvey DATE: _____

TITLE: President, Kabul University

TITLE: Director, USAID/A

**PROAC
CONTINUATION
SHEET**

ANNEX A

**PROJECT AGREEMENT
BETWEEN AID AND**

Kabul University

**Royal
AN AGENCY OF THE GOVERNMENT OF
Afghanistan**

1. Project/Activity No.
306-11-660-199

2. Agreement No.
TE #9

3. Project/Activity Title
**Technical Education
(Faculty of Engineering)**

PAGE 5 OF 10 PAGES

3. Original or
Revision No. 2

During the past year nine participants have returned to the Faculty and six required new staff members have been employed. Afghan teaching staff now totals 32 on board and when participants return, the target of 40 teachers will be surpassed. There are currently 14 engineering teachers studying abroad (11 in USAID and 3 in other programs.)

The 12-man target for laboratory technicians will be reached with the return of two participants (1 USAID, 1 other program). The 8 shop staff goal has been accomplished.

Targets of 5 secretaries and 8 support staff have not been achieved. Currently there are only 2 secretaries and 6 support staff at the Faculty, but the Faculty is making an effort to correct this deficiency.

In 1971 the Faculty introduced the fifth year of study which will strengthen the undergraduate degree program. The quality and prestige of the Faculty of Engineering remains among the highest in the University.

D. U.S. Contributions:

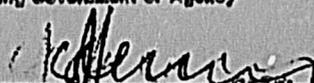
1. Personnel

During FY 1972 USAID will provide six U.S. contract advisors and during FY 1973 USAID will provide five contract advisors to the Faculty of Engineering. These advisors will be provided by the United States Engineering Team (USET), Education Development Center, Inc. (EDC) under a USAID contract. U.S. assistance ends in FY 73. The advisors will depart according to the following schedule:

<u>Position</u>	<u>Termination Date</u>
Chief of Party	6/25/73
Mechanical Engineer	6/15/73
Applied Math & Science	6/15/73
Civil Engineer	6/15/73
Electrical Engineer (Management)	6/15/73
Mechanical Engineer	8/15/72

For the Cooperating Government or Agency

For the Agency for International Development

SIGNATURE: 
DATE: _____
TITLE: **President, Kabul University**

SIGNATURE: **Bartlett Harvey**
DATE: _____
TITLE: **Director, USAID/A**

PROAG
CONTINUATION
SHEET

ANNEX A

**PROJECT AGREEMENT
BETWEEN AID AND**

Kabul University

**Royal
AN AGENCY OF THE GOVERNMENT OF
Afghanistan**

1. Project/Activity No.
306-11-660-093

3. Agreement No.
TE #9

2. Project/Activity Title
Technical Education
(Faculty of Engineering)

PAGE 6 OF 1 (PAGES)

3. Original or
Revision No. 2

2. Participants:

Faculty instructors and other staff members now studying abroad under USAID sponsorship will continue their training program if successful as stipulated in each respective PIO/P document.

There are 13 contract participants presently in training in the U.S. In addition there are five new participants scheduled to begin training in September 1972. Funds are included herein for the continuation of participants presently in training in the U.S. and those scheduled for September 1972 for the period up to June 30, 1973. Funds for the remaining period of training will be by direct PIO/Ps.

There are presently two direct participants in training and funds will be provided for their continued training. Funds are provided for one participant for completion of training in Bangkok.

3. Commodities:

In FY 72 and 73 USAID will provide limited commodities broadly specified as textbooks, training materials, research materials and equipment, office supplies, replacement parts for U.S. purchased equipment not locally available, and miscellaneous related items. Not more than \$30,000 will be provided for this purpose and procurement will be by USAID/A through direct funding.

4. Other Costs:

Regional and invitational travel and locally procured supplies and equipment as required will be provided at the time of determination.

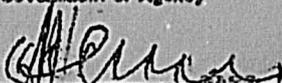
5. No costs or obligations will be incurred under this project subsequent to June 30, 1973.

E. RGA Contribution:

1. The University will provide twelve (12) qualified technicians during AFY 1351 in accordance with the 4 February 1970 memorandum to the University entitled "Employment Regulations and Concessions for Technical Staff Members". U.S. advisors will help train these Technical Staff members.

For the Cooperating Government or Agency

For the Agency for International Development

SIGNATURE:  DATE: _____

SIGNATURE: **Bartlett Harvey** DATE: _____

TITLE: **President, Kabul University**

TITLE: **Director, USAID/A**

**PROJECT AGREEMENT
BETWEEN AID AND**

**Kabul University
Royal
AN AGENCY OF THE GOVERNMENT OF
Afghanistan**

1. Project/Activity No.
806-11-660-098

2. Agreement No.
TE #9

3. Project/Activity Title
Technical Education
(Faculty of Engineering)

3. Original or
Revision No. 2

2. By the end of FY 73, the University will provide five (5) secretaries: one for academic assistance, one for the Dean's office, one for academic administration, one for the business office, and one for the Seismic Station and academic assistance. At the present time two are in training and one is to be recruited. The U.S. advisors will assist and provide on-the-job training to these employees in maintenance of academic and office records and in secretarial support for class instruction.

3. The Faculty budget will provide funds for travel and per diem for the Afghan staff members who participate in recruiting efforts outside the Kabul area and will budget and provide funds for any Afghan staff teaching pre-engineering courses during vacation periods. The University will allocate Afs. 75,000 during AFY 1351 and again in 1352 to support these activities.

4. The University will support the Faculty of Engineering credit system by allocating funds for staff salaries and transportation during the University vacation period so that credit courses may be offered. The University will also provide room and board for students taking credit courses during the vacation period.

5. The University will budget Afs. 1,580,200 in AFY 1351 (plus Afs. 30,000 for travel) for students' salaries, as well as per diem of Afghan staff coordinators in support of the Practical Training Program.

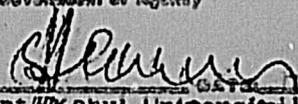
6. The University will provide approximately Afs. 325,000 in AFY 1351 and again in AFY 1352 for maintenance of the Faculty of Engineering buildings, external painting of the entire Faculty of Engineering building, internal painting or tiling of the main hall, repair or replacement of roof of the Faculty of Engineering building, and installation of new electrical circuits.

7. The University will provide adequate facilities and services, including heat and utilities, for operations during winter periods. The heat will be provided when needed, rather than turned on at a specified date late in the winter, so as to preserve delicate instruments and to make various experiments possible.

8. When a participant completes his training agreement (i.e. the PIO/P) he will promptly return to the Faculty which will, to the extent possible, provide a suitable academic position for him in the area of his training. The University will take steps to change the structure of academic ranks at the Faculty of Engineering as recommended in the proposed

For the Cooperating Government or Agency

For the Agency for International Development

SIGNATURE: 
TITLE: President, Kabul University

SIGNATURE: Bartlett Harvey
TITLE: Director, USAID/A

PROAC
CONTINUATION
SHEET

ANNEX A

PROJECT AGREEMENT
BETWEEN AID AND

Kabul University

Royal
AN AGENCY OF THE GOVERNMENT OF
Afghanistan

1. Project/Activity No.

306-11-660-093

2. Agreement No.

TE #9

3. Project/Activity Title

Technical Education
(Faculty of Engineering)

PAGE 8 OF 1 PAGES

4. Original or

Revision No. 2

policy on appointment and promotion which was passed by the Faculty of Engineering on November 16, 1970.

9. The University will continue to provide to the Faculty of Engineering an appropriate Revolving Fund for normal, routine expenditures under RGA Major Object Budget Chapters 300 (Materials, Supplies, and Parts) and 400 (Equipment). This fund will be provided and managed in keeping with the approved business procedures of the RGA. Expenditures under the Revolving Fund are to be made within the Faculty's total annual budget, since the purpose of the Fund is not to increase the total budget, but rather to facilitate the timely and convenient purchasing of miscellaneous small items vital to the teaching program. Repayments into the Revolving Fund will be made promptly by the Central Administration upon the Faculty's submission from time to time of receipts for proper expenditures made from the fund.

10. The RGA will continue to administer, operate and maintain the facilities and programs associated with this project activity. The Faculty of Engineering will provide a staff of 32 teachers, 13 administrators and clerks and 20 technicians.

11. Regular (or Operating) Budget.

Total Actual Expenditures AFY 1349 (FY 1971)	Total Pending Budget AFY 1350 (FY 1972)	Total Est. Proposed Budget AFY 1351 (FY 1973)
Afs. 3,218,586 or US \$ 38,316	Afs. 3,408,160 or US\$ 40,573	Afs. 7,136,400 or US\$ 84,957

12. The Faculty of Engineering will make a provision in the AFY 1351 budget, including necessary access to foreign exchange, for maintenance or eventually replacement and procurement of laboratory equipment and supplies, shop equipment and supplies, office equipment and supplies, and other expendable commodities. Accordingly, the Faculty of Engineering will provide the following amounts in their budget for AFY 1351 in the budget code items listed below. The Central Administration and the Faculty Custodian will be responsible for maintenance as well as for custody of these commodities. After appointment of custodians the USAID will provide commodities as described in this Project Agreement under Section 3, U.S. Contribution. As USAID support is decreasing the RGA will assume a corresponding portion of the responsibility in providing for goods and services now provided by USAID. As RGA Central Administration Officer will continue to accept commodities at Customs. One faculty technician will sign for the whole faculty. After identifying, recording, and labeling the individual commodity responsibility will be accepted by the appropriate Faculty technician/custodian.

For the Cooperating Government or Agency

For the Agency for International Development

SIGNATURE: [Signature]

DATE: _____

TITLE: President, Kabul University

SIGNATURE: Bartlett Harvey

DATE: _____

TITLE: Director, USAID/A

**PROAG
CONTINUATION
SHEET**

ANNEX A

**PROJECT AGREEMENT
BETWEEN AID AND**

**Kabul University
Royal
AN AGENCY OF THE GOVERNMENT OF
Afghanistan**

1. Project/Activity No.
306-11-660-098

2. Agreement No.
TE #9

3. Project/Activity Title
**Technical Education
(Faculty of Engineering)**

3. Original or
Revision No. 2

	<u>Afghanis</u>
300 - Materials, Supplies & Parts	1,397,000
310 - Agricultural materials supplies & parts	20,000
330 - Clothing	120,000
345 - Transportation materials, supplies and parts	20,000
350 - Building and construction materials, supplies and parts	100,000
360 - Training & educational materials	644,000
370 - Scientific & technical materials & supplies	299,000
380 - Office materials, supplies & parts	194,000
	<u>1,397,000</u>
400 - Equipment	210,000

F. Other Donor Contributions

Support is being provided to the Faculty of Engineering by the Peace Corps (teaching English and architecture), Fulbright Commission (in the Department of Architecture), and World Health Organization (sanitary engineer). The U.S. Coast and Geodetic Survey is expected to offer specific parts and equipment to the University's Seismic Station.

Standard Provisions for the Importation of Commodities

For Ocean Shipment: Clearing, handling and onforwarding of commodities shall be provided by AID from Supplier's Delivery Point; i.e. designated ocean port to F.O.B. RGA-provided vehicle at the USAID Terminal Delivery Point nearest the project site; i.e., Peshawar or Chaman, Pakistan; Mashad, Iran, or such other locations outside Afghanistan as USAID and RGA may jointly establish as an appropriate USAID Terminal Delivery Point for AID-financed surface shipments. Shipments will be made via Pakistan unless otherwise mutually agreed.

For the Cooperating Government or Agency

For the Agency for International Development

SIGNATURE: [Signature] DATE: 7
TITLE: **President, Kabul University**

SIGNATURE: **Bartlett Harvey** DATE: _____
TITLE: **Director, USAID/A**

PHOAG
CONTINUATION
SHEET

ANNEX A

PROJECT AGREEMENT
BETWEEN AID AND

Kabul University
Royal
AN AGENCY OF THE GOVERNMENT OF
Afghanistan

1. Project/Activity No.
306-11-660-098

2. Agreement No.
TE #9

3. Project/Activity Title
Technical Education
(Faculty of Engineering)

PAGE 1 OF 10 PAGES

3. Original or 2
Revision No. _____

For Ocean-Air Shipments: Clearing, handling and onforwarding of commodities from Supplier's Delivery Point, for ocean-air shipments via Beirut, Lebanon, i.e., Beirut, Lebanon to USAID Terminal Delivery Points, i.e., appropriate airports in Afghanistan, shall be financed by USAID.

The Royal Government of Afghanistan undertakes to accept delivery of commodities at any of the above-mentioned USAID Terminal Delivery Points within the free period and will provide and pay onward transportation and all other charges to Ultimate Destination, Afghanistan. The USAID similarly undertakes to so schedule shipments to Terminal Delivery Points at a rate commensurate with RGA capability for supplying onward transportation.

Maintenance of Commodity Records: The recipient Ministry/Agency will prepare and issue reports for all commodities furnished under this project which are titled with the Royal Government of Afghanistan within ten days after receipt of those commodities and will maintain necessary records to ensure proper control and use of the commodities for their intended purpose. These records will be maintained in English and AID personnel will be granted ready access to them upon request.

Source Requirement for Commodity Procurement: Authorized source of procurement for all commodities covered under this Project Agreement will be United States only. Any procurement required to be made from non-U.S. sources shall be financed by the Royal Government of Afghanistan.

For the Cooperating Government or Agency

For the Agency for International Development

SIGNATURE: [Signature] DATE: _____
TITLE: **President, Kabul University**

SIGNATURE: **Bartlett Harvey** DATE: _____
TITLE: **Director, USAID/A**

PROAG CLEARANCE RECORD

A. IDENTIFICATION

1. Project Technical Education (Faculty of Engineering)
2. Project No. 306-11-660-093 3. Period Covered FY-1974
4. USAID Project Manager A. R. Longa
5. Division Education 6. ProAg No. TE #9

B. CLEARANCE

	Draft	Date Final	Date
<u>HGA</u>			
Project Manager.....			<i>[Signature]</i>
Other.....			
Other.....			
<u>USAID</u>			
Project Manager.....	<i>[Signature]</i>	<i>[Signature]</i>	
Division Chief.....	<i>[Signature]</i>	<i>[Signature]</i>	
AD/DP Liaison Officer.....	<i>[Signature]</i>	<i>[Signature]</i>	
Training Officer.....			<i>[Signature]</i>
AD/DP.....			<i>[Signature]</i>
CO - B&A.....	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
CO.....			
AD/M.....	<i>[Signature]</i>	<i>[Signature]</i>	
Supply Advisor.....	X	X	
.....	X	X	
Director.....	X	X	
<u>OTHER</u>			
1.	X	X	
2.			

AGENCY FOR INTERNATIONAL DEVELOPMENT
Mission to Afghanistan

306 0093 (23)
PB-AACU 453
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A I A I D

MEMORANDUM OF MEETING:

3p.

SUBJECT: Program Evaluation Panel for the
AFGHAN INSTITUTE OF TECHNOLOGY ACTIVITY
Technical Education - Project 306-11-660-093. /

DATE OF MEETING: 27 January 1970

PARTICIPANTS: Mr. Victor H. Skiles, Acting Director
Dr. Edwin L. Martin, Chief, Education Division
Mr. Cecil H. Uyehara, Assistant Director for Development
Planning
Dr. Anthony R. Lanza, Chief Education Advisor
USAID/Rawalpindi, Pakistan
Mr. Charles Gurney, Afghanistan Desk Officer, AID/W
Dr. John E. Griswold, Chief of Party (SIU)
Mr. John A. Patterson, Program Evaluation Officer
His Excellency Dr. Saif Rahman Samady, First Deputy
Minister of Education
Mr. Sayed Ashraf, Director Afghan Institute of
Technology
Mr. Ghulam Sakhi, Assistant Director, AIT
Mr. Mohammed Hassan Muti, Assistant Director, AIT

ATTENDANTS: Dr. Kenneth Howe, Deputy Chief, Education Division
Dr. Christine Hugerth, Education Officer
Mr. Thomas Lerch, Training Officer
Mr. Thomas Martindale, Controller
Mr. William Waffle, Education Officer

AD/DP: J. A. Patterson:jj: 2 February 1970

Clearances:

ED: E. Martin (draft)
AD/DP: C. H. Uyehara
SIU: J. Griswold
AD: V. H. Skiles

MEMORANDUM OF MEETING

**Program Evaluation Panel for the
AFGHAN INSTITUTE OF TECHNOLOGY
ACTIVITY (Technical Education)
Project 306-11-660-093**

Objectives: (1) Development of the A.I. T. including adequate student enrollment; trained staff; appropriate curricula, course outlines, and teaching materials in six broad areas of study; supporting program activities and adequate school plant, including dormitories, laboratories, and shops with their basic equipment. (2) Development of the vocational technical education department of the Ministry of Education with a capacity to plan, develop, and administer integrated technical education programs for the entire country, and which is responsive to the industrial manpower needs of Afghanistan's changing economy.

The Panel reviewed the Project Appraisal Report (PAR) for this activity in order to evaluate the effectiveness, significance and efficiency of past activities and where appropriate to recommend revisions in the PAR and future courses of action.

I. The PAR

The activity is judged to be very satisfactory and on schedule in overall progress toward its targets. The Contractor has continued to perform effectively in assisting A.I.T.'s program development and in ordering, installing and planning the use of commodities suitable for a technical school. Participant training is proceeding as scheduled.

The RGA continued to perform well in supporting the project in personnel and commodities. The Operational Budget again increased; to ten million Afghans.

II. Panel Discussion and Future Courses of Action:

The Panel agreed that the activity is on target and moving to a successful termination of major assistance in June of 1970. To assist during the transitional phase, provision has been made for follow-up advisement to A.I.T. for a period of two years. A small participant training element and modest commodity program is also included. It was recognized that technical education is continuously changing, and it would be essential to A.I.T.'s future contributions to the economy that some way be found to keep the faculty "up to date" during the period of transition and particularly thereafter.

MEMORANDUM OF MEETING

**Program Evaluation Panel for the
AFGHAN INSTITUTE OF TECHNOLOGY
ACTIVITY (Technical Education)
Project 306-11-660-093**

The Panel further agreed that:

1. Both USAID and the RGA should point to A.I. T. as an excellent example of bi-lateral cooperation and that efforts should be made to continue publicizing the A.I. T.

2. The PAR should elaborate on the question of adult education; the problems of training; the role of industry and A.I. T., etc.

Distribution:

The Ambassador
DCM
U.S. Participants
Attendants
ED (15)
PO (15)
CO (2)
PROC (2)
TO (2)
C&R (2)
Office of Evaluation, A/AID
NESA/DP (3)
Afghan Desk, NESA/NE (3)
NEA/PAF/State

D. Thomson, Emb/Econ.

RS/PS

3060093 (24)
PD-AAC-453

JOINT PROJECT IMPLEMENTATION PLAN AND PART II- SELECTED WORKSCHEDULE INDICATORS		1. COOPERATING COUNTRY Afghanistan	2. PROJECT TITLE TECHNICAL EDUCATION (Faculty of Engineering) . 2	3. PROJECT NUMBER 306-II-660-093, 2	4. DATE (Month, Day, Year) January 1971
5. RESPONSIBLE PROJECT COORDINATOR Mr. Marvin Cerank (to 12/70) Dr. Edwin L. Martin (from 1/71)		6. RESPONSIBLE COOPERATING COUNTRY AGENCY Kabul University		7. COOPERATING SPONSOR None	8. DATE Reference Center Room 1656 NS

DRAFT
 ORIGINAL
 REVISION NO.

9. NO.	8. Output Indicators and DESCRIPTION OF MAJOR ACTIONS OR STEPS	10. PRIMARY ACTION AGENT	11. TARGET DATES		12. TIME SPAN (Optional)										
			11.1. TARGET DATE TO DATE	11.2. PHYSICAL START	11.3. PROJECT END DATE	FY- 71	FY- 72	FY- 73	FY-	FY-	FY-				
	PERSONNEL INPUT Contract: 1. Program Director (Friedman) 2. Administrative Officer (Loddegaard) 3. Applied Math & Science (Holson) 4. Mechanical Engineer (Abimax) 5. Mechanical Engineer (Heckroth - Michalec) 6. Civil Engineer (McDonough) 7. Electrical Engineer (Eckles) 8. Shop Technician (Nilro) 9. Civil Engineer Direct Hire: Education Advisor	C													
1.	ENROLLMENT AND GRADUATES A. ENROLLMENT B. GRADUATES ANNUALLY Action Steps: 1. Continue process of selective admissions 2. Develop testing procedures for selection of students	C/CC C/CC	272	Annually	430	350	400	430							
						80	60	75							
2.	DEVELOP TRAINED STAFF A. NUMBER OF STAFF MEMBERS B. NUMBER OF SUPPORTING STAFF MEMBERS		22 14		44 16	24 15	24 16	40 16							

JOINT PROJECT IMPLEMENTATION PLAN PART I - WORK SCHEDULE and PART II - SELECTED OUTPUT INDICATORS		1. COOPERATING COUNTRY Afghanistan	2. PROJECT TITLE TECHNICAL EDUCATION (Faculty of Engineering)			3. PROJECT NUMBER 306-11-660-093	4. DATE (Month, Day, Year) January 1971					
5. RESPONSIBLE PROJECT COORDINATOR Mr. Marvin Cernik (To 12/70) Dr. Edwin L. Martin (From 1/71)		6. RESPONSIBLE COOPERATING COUNTRY AGENCY Kabul University			7. COOPERATING SPONSOR None					<input type="checkbox"/> DRAFT <input checked="" type="checkbox"/> ORIGINAL <input type="checkbox"/> REVISION NO.		
8. NO.	9. Output Indicators and DESCRIPTION OF MAJOR ACTIONS OR STEPS	10. PRIMARY ACTION AGENT	11. TARGET DATES			12. TIME SPAN (Outline)						
			11.1 PERCENT ACTION To Date	11.2 PHYSICAL START	11.3 PERCENT TOTAL Total for Project	FY-71	FY-72	FY-73	FY-	FY-	FY-	
3.	CURRICULA (Cont'd) D. ELECTRICAL ENGINEERING 3. Expand and develop laboratories to meet the needs for the fifth year course 4. Develop at least one technical elective applicable to needs of the training program 5. Develop two new Technical Engineering courses that are required for the five year program E. ARCHITECTURE (Not part of USAID/USSET project) 1. Coordinate its training program with the overall engineering curriculum 2. Select and prepare participants for the AUB training program *NOTE: Following action steps apply to entire Engineering Curriculum 1. Develop and assist in a pre-engineering program 2. Develop and assist in a 6-months practical training program 3. Continue with applied research program 4. Develop extension classes in Engineering 5. Set up seminars and symposium system 6. Continue to revise and up-date present curricula	C/CC C/CC C/CC CC M/CC C/CC C/CC C/CC C/CC C/CC C/CC	10% 1971 1971 continuous 1 continuous continuous continuous 1970 1970 continuous	10% 1 2 3 14 12	20% 1 1 1 1 4 2 2 1 1	40% 1 1 1 1 4 2 2 1 1	30% 1 1 1 1 4 2 2 1 1					
4.	PHYSICAL PLANT A. BUILDINGS 1. Complete construction of second Engineering building (percent) 2. Organize laboratories in the second Engineering building (percent) B. CLASSROOMS 1. Establish 6 classrooms in the main Engineering building 2. Establish 4 classrooms in the second Engineering building	CC CC C/CC CC CC	1 60% 0% 6 0	1963 1968 1971 1963 1968	2 100% 100% 6 4	1 20 20 Completed 2	1 20 60 1965 2					

Project: Technical Education
Sub-activity: Faculty of Engineering, Kabul University . 2
Project No.: 306-12-660-093
FY 1969 - 1970

A. Activity Targets

An established Faculty of Engineering in Kabul University by 1973, with 50 trained teachers plus supporting staff, a student body of 500, curricula and training programs in five major fields of engineering (civil, electrical, chemical, mechanical, agricultural) and architecture, having classroom and lab facilities. The Faculty will produce annually approximately 65 B.S. graduates and 6 advanced students with one year of graduate training.

B. Course of Action

1. Develop those engineering programs suitable to Afghanistan.
2. Teach and advise.
3. Develop a practical training program to supplement class/lab work.
4. Plan and add a fifth year to the undergraduate program.
5. Start a one-year graduate program.
6. Develop a program of applied research.
7. Continue development and utilization of the Faculty External Advisory Committee.
8. Recruit students from the provinces, and continue pre-engineering program.
9. Select participants and give on-the-job training for faculty members.
10. Develop administrative aspects of the Faculty.
11. Provide buildings and commodities necessary to the program.
12. Coordinate with U. N. on establishment of Building Research Laboratory.
13. Advise on Seismic Station.

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Staff Needs and Participant Program for Faculty of Engineering

	<u>1964</u>	<u>1965</u>	<u>1966</u>	<u>1967</u>	<u>1968</u>	<u>1969</u>	<u>1970</u>	<u>1971</u>	<u>1972</u>	<u>1973</u>
Student enrollment	269	290	315	350	350	400	425	450	475	500
Afghan Teaching Staff ^{a)}	8	10	13	12	26	22	23	24	34	44
U.S. Advisory Team	6	9	10	11	14	12	12	10	8	5
Percentage of contact hours taught by Afghan teachers		66	72	78	85					
Teaching Staff required ^{b)}	27	29	32	35	37	40	42	45	47	50
Total graduates (cumulative) as of July 1 each year	52	82	113	145	202					
Participants in study programs	8	20	24	23	23	18	19	25	10	8 ^{c)}

- a) Some are experienced teachers, but others are roughly at graduate assistant level.
- b) This number will provide a ratio of undergraduate students to teachers of 10:1. U. S. engineering schools vary from ratios of 3:1 to 15:1.
- c) All to complete their programs in summer of 1973.

C. Progress to Date

- 1956: Faculty of Agriculture and Engineering opened in Kabul University assisted by Wyoming Team.
- 1962: Engineering became separate Faculty.
- 1963--: AID assistance to Faculty of Engineering commenced through U. S. Engineering Team (USET) contract.

(Numbers at left keyed to Course of Action).

1. Program options have been established in mechanical, civil, electrical and agricultural engineering, plus an architecture option added in 1967. A small chemical engineering option is in the planning stage.

2. Direct teaching has steadily diminished (see chart). However, a small amount is desirable both for demonstration and for orientation of new advisors. The role of U. S. specialists is increasingly in planning of new undertakings, in stimulation of research, in selection of equipment and teaching materials, and in assistance to Afghan faculty members.

3. In FY 1967, January to mid-March, 42 students worked in various RGA agencies, under the first practical work experience program.

4. Plans are being made for the fifth year, to permit a six-month practical training period and one more semester of course work to improve the standards of graduates. May go into effect in 1968.

5. Planning complete. This will require both teaching and advisory assistance by U. S. team. If there is demand, it will include extension courses for practicing Afghan engineers.

6. Research has been conducted on a limited scale because of the heavy teaching loads. 1967 research projects included testing local clay for decolorization of cottonseed oil; construction of a cell to make caustic soda, curing concrete, and solar energy used for house heating and fruit drying.

7. Appointed in 1966, the Advisory Committee, which is made up of members of various government Ministries and other employers of engineers, has met several times. It helped find the positions for the practical training program. (See 3 above).

8. Active recruitment has been practiced for two years in various centers of the nation. Also the pre-engineering session from mid-January to mid-March has been given for the past two years.

9. Selection and planning for participants continues. On their return, they carry a light teaching load for at least one year while working as counterparts to U. S. staff members who provide guidance on teaching, examinations, and practical engineering research.

10. Emphasis has been placed on improvement of communication and of administrative practices. The Faculty now employs a Business Manager with B.S. degree from Faculty of Law, and other English-speaking support personnel, including a secretary, 2 clerks, 4 lab and shop technicians. The Dean of the Faculty has submitted to the University Senate a comprehensive plan for employment of and appropriate pay scales for various middle-level technicians, for whom the University up to now has not made provision.

11. Construction of the Annex to the main Engineering Building was started by the contractor in May, 1967, but is at present stalled because of problems with the contractor. Labs for physics, soils, chemistry, sanitary engineering, materials testing, electrical measurements, fluid mechanics, mechanical engineering, electrical power, and physical metallurgy are now equipped to accommodate a student enrollment of 350. The engineering shop is equipped to handle installation and maintenance of lab equipment and also to fabricate some equipment as needed.

12. The building research lab has been delayed by delay in Annex construction.

13. A U. S. team member has monitored all construction on the Seismic Station.

D. Funding Requirements (1,000's of \$)

1. U. S. Contribution

	No. end yr.		Direct Commodities \$ amt.	Participants					
				Direct			Contract		
				No. New	Ext.	\$ amt.	No. New	Ext.	\$ amt.
FY 1968	12	537 a)	30 c)	1	-	4	-	14 d)	79
FY 1969	12	504 b)	90 c)	-	1	4	8	12	100
FY 1970	12	550 b)	50 c)	-	-	-	12	15	176

- a) 9 months' funding
- b) 12 months' funding plus rising costs
- c) Starting July 1, 1968, all commodities to be purchased directly
- d) 2 extensions and 4 new cut for budget reasons

2. RGA Contribution

The RGA operates and maintains the facilities and programs associated with this project activity, for which a budget of 4,000,000 Afghania for AFY 1347 (FY 1969) has been submitted by the Dean of the Faculty. The RGA is financing the construction of the Engineering Annex building.

3. Other Donors' Contributions

- UNIAO: Building materials expert for the Faculty
- WHO: Sanitary engineering expert for the Faculty
- U. S. Peace Corps: 2 volunteers teaching English
- 3 participant scholarships: 1 UNESCO, 1 Holland, 1 Japan

E. Termination Date

Fiscal termination FY 1972

Physical termination FY 1973