

AGENCY FOR INTERNATIONAL DEVELOPMENT
PROJECT DATA SHEET

1. TRANSACTION CODE: **A** (A = Add, C = Change, D = Delete)
 Amendment Number: _____
 DOCUMENT CODE: **3**

2. COUNTRY/ENTITY: **Worldwide**

3. PROJECT NUMBER: **936-5730**

4. BUREAU/OFFICE: _____

5. PROJECT TITLE (maximum 40 characters): **Renewable Energy Applications & Trng**

6. PROJECT ASSISTANCE COMPLETION DATE (PACD): MM DD YY **09 30 90**

7. ESTIMATED DATE OF OBLIGATION (Under 'B.' below, enter 1, 2, 3, or 4)
 A. Initial FY **85** B. Quarter **4** C. Final FY **90**

8. COSTS (\$000 OR EQUIVALENT \$1 =)

A. FUNDING SOURCE	FIRST FY			LIFE OF PROJECT		
	B. FX	C. L/C	D. Total	E. FX	F. L/C	G. Total
AID Appropriated Total						
(Grant)	(400)	()	(400)	()	(8,200)	(8,200)
(Loan)	()	()	()	()	()	()
Other 1.						
U.S. 2.						
Host Country						
Other Donors)						
TOTALS	400		400		8,200	8,200

9. SCHEDULE OF AID FUNDING (\$000)

A. APPROPRIATION	B. PRIMARY PURPOSE CODE	C. PRIMARY TECH. CODE		D. OBLIGATIONS TO DATE		E. AMOUNT APPROVED THIS ACTION		F. LIFE OF PROJECT	
		1. Grant	2. Loan	1. Grant	2. Loan	1. Grant	2. Loan	1. Grant	2. Loan
(1) FN	103			400		400		8,200	8,200
(2)									
(3)									
(4)									
TOTALS				400		400		8,200	8,200

10. SECONDARY TECHNICAL CODES (maximum 5 codes of 3 positions each): _____

11. SECONDARY PURPOSE CODES: _____

12. SPECIAL CONCERNS CODES (maximum 7 codes of 4 positions each)
 A. Code: _____
 B. Amount: _____

13. PROJECT PURPOSE (maximum 480 characters):
 To bring about investments in renewable energy systems which contribute significantly to the solution of development problems.

14. SCHEDULED EVALUATIONS: Interim MM YY **01 88** Final MM YY **01 90**

15. SOURCE/ORIGIN OF GOODS AND SERVICES: 000 941 Local Other (Specify) _____

16. AMENDMENTS/NATURE OF CHANGE PROPOSED (This is page 1 of a _____ page PP Amendment)

Authorization of Funds for life of project

17. APPROVED BY: Signature **James B. Sullivan**
 Title: **Deputy Director, Office of Energy**
 Date Signed: MM DD YY **06 02 85**

18. DATE DOCUMENT RECEIVED IN AID/W, OR FOR AID/W AGREEMENTS, DATE OF DISTRIBUTION: MM DD YY _____

11'

Project Authorization

Project Title: Renewable Energy Applications and Training (REAT)

Project Number: 936-5730

1. Pursuant to Section 103 of the Foreign Assistance Act of 1961, as amended, I hereby authorize the "Renewable Energy Applications and Training Project" involving centrally funded planned obligations of not to exceed \$8,200,000 over a five year period from the year of authorization subject to the availability of funds in accordance with the A.I.D. OYB/allotment process, to help in financing foreign exchange and local currency costs for the project. (Funding available for the project may also include up to \$2,500,000 contributed by regional bureaus and A.I.D. missions).

2. The project will assist selected developing countries in meeting their energy needs for development through the expanded deployment of economically viable renewable energy options. This is a world-wide project encouraging and allowing for the possibility of Mission "buy-ins" and aimed primarily at Agricultural and Rural Development.

3. The agreements which may be negotiated and executed by the office(s) to whom such authority is delegated in accordance with A.I.D. regulations and Delegations of Authority shall be subject to the following essential terms and covenants and major conditions, together with such other terms and conditions as A.I.D. may deem appropriate:

a. Source and Origin of Commodities, Nationality of Services

Commodities finance by A.I.D. under the project shall have their source and origin in the cooperating country^{*} or the United States, except as A.I.D. may otherwise agree in writing. Except for ocean shipping, the suppliers of commodities or services shall have the Cooperating Country or the United States as their place of nationality, except as A.I.D. may otherwise agree in writing.

*/ Each country in which research training, technical, or other assistance takes place under the project shall be considered a cooperating country.

Ocean shipping financed by A.I.D. under the project shall, except as A.I.D. may otherwise agree in writing, be financed only on flag vessels of the United States.

It has been determined in accordance with the factors described on page 39 of the Project Paper that the proposed (SSA/PASA) with a National Laboratory qualifies under Section 621(a) of the FAA because it is (1) for technical assistance; (2) the National Laboratories are particularly suited for this scope of work; (3) this action is not competitive with the private sector; and (4) this work will not interfere with domestic programs.

Signature *Jack Vanderryn* :
Jack Vanderryn, Agency Director for
Energy and Natural Resources

Date 7-8-85 :

GC:STisa Draft :
S&T/PO:GEaton *KN* :

Date 6/26/85 :
Date 7/8/85 :

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May 28, 1985

ACTION MEMORANDUM FOR THE AGENCY DIRECTOR OF ENERGY AND NATURAL RESOURCES

FROM: S&T/EY, James Sullivan

SUBJECT: Renewable Energy Applications and Training (REAT) Project, 936-5730

Issue: Your approval of the subject Project Paper is requested.

Background: The Renewable Energy Applications and Training (REAT) Project Paper has been developed by S&T/EY following a Project Identification Document prepared and approved during the second half of FY-84. The first drafts of the Project Paper, reflecting carefully structured discussion in S&T/EY, were used in informal discussions with selected personnel at the World Bank. Further informal discussions to solicit suggestions were held with the energy advisers of AID's regional bureaus. On May 1st, 1985 the Project Paper was discussed and approved by the Energy Sector Council. During those discussions a number of suggestions to improve the Project Paper have been made:

1. to clarify the difference between pilot projects and hardware demonstration projects.
2. to clarify the sequence and budgetary level of planned activities.
3. to provide a more detailed outline of how the U.S. renewable energy industry could become involved.
4. to indicate if the project will contribute to the strengthening of in-country institutions that provide training.
5. to clarify whether the country need assessments will address the renewable energy issues raised in the Project Paper.
6. to explain how the developing countries might access the data base of AID renewable energy projects to be developed by the project.
7. to improve the environmental analysis statement.
8. to better specify indicators for project evaluation.

9. to clarify the mix and level of skills required in implementing the project.
10. to be more specific on how the project will interact with the missions and the regional bureaus.

It is S&T/EY's opinion that these points have been carefully addressed in the final version of the Project Paper.

Recommendation: That you approve the proposed project by signing the attached PAF.

Attachments:

1. PAF
2. Project Paper