

PD-ABC-356

AGENCY FOR INTERNATIONAL DEVELOPMENT
PROJECT DATA SHEET

1. TRANSACTION CODE
 C A = Add
 C = Change
 D = Delete
 Amendment Number 9

DOCUMENT CODE 3

2. COUNTRY/ENTITY
World Wide

3. PROJECT NUMBER
936-5724

4. BUREAU/OFFICE
S&T/EY

5. PROJECT TITLE (maximum 40 characters)
936 Conventional Energy Technical Assistance

6. PROJECT ASSISTANCE COMPLETION DATE (PACD)
MM DD YY
07 10 91

7. ESTIMATED DATE OF OBLIGATION
(Under "B" below, enter 1, 2, 3, or 4)
A. Initial FY 80 B. Quarter 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) SDA	()	()	()	(15,250)	()	(15,250)
(Loan)	()	()	()	()	()	()
Other U.S.						
1. ESF				5,500		5,500
2. Mission Buy-in				7,250		7,250
Host Country						
Other Donor(s)						
TOTALS				28,000		28,000

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)	SDA			15,250		0		15,250	
(2)	ESF			5,500				5,500	
(3)									
(4)									
TOTALS				20,750				20,750	

10. SECONDARY TECHNICAL CODES (maximum 6 codes of 3 positions each)

11. SECONDARY PURPOSE CODES (maximum 6 codes of 3 positions each)

12. SPECIAL CONCERNS CODES (maximum 7 codes of 4 positions each)

A. Code

B. Amount

13. PROJECT PURPOSE (maximum 480 characters)

To assist less developed countries (LDCs) to identify, evaluate and develop indigenous conventional energy resources, and utilize them with efficient and environmentally sound technologies.

14. SCHEDULED EVALUATIONS

Interim MM YY MM YY Final MM YY
03 88 06 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.)

Extend PACD from March 31, 1991 to July 10, 1991

17. APPROVED BY

Signature: James B. Sullivan

Title: Director, Office of Energy

Date Signed: MM DD YY
02 01 91

18. DATE DOCUMENT RECEIVED IN AID/PW, OR FOR AID/PW DOCUMENTS, DATE OF DISTRIBUTION
MM DD YY

AGENCY FOR INTERNATIONAL DEVELOPMENT
WASHINGTON, D.C. 20523

February 13, 1991

ACTION MEMORANDUM FOR THE AGENCY DIRECTOR FOR ENERGY AND
NATURAL RESOURCES

FROM: S&T/EY, James B. Sullivan 

SUBJECT: Project Authorization Amendment for the Conventional
Energy Technical Assistance (CETA) (936-5724) Project

Problem: The centrally-funded Conventional Energy Technical Assistance (936-5724) Project was authorized in September 1980 and amended on April 14, 1990. Your authorization is requested to further amend the project to change the PACD from March 31, 1991 to July 10, 1991 at no additional cost.

Discussion: The CETA Project is due to expire March 31, 1991, ten and one-half years after it was authorized. However, several activities funded under this Project will not be completed by such date. These delays are outside of A.I.D.'s or the contractor's (Bechtel National, Inc.) control. A three month no-cost extension will be required to complete the on-going activities.

Specific activities that remain to be completed are:

1. Oil Shale Feasibility Study for Morocco. The Office of Energy is in the process of embarking on a field activity to respond to the request of the Government of Morocco (GOM). This technical assistance will assist cognizant GOM officials to determine how much of existing knowledge about oil shale for electric power is applicable to Morocco, and whether shale use would be preferable to continuing the import of fuel. Estimated costs are \$20,000. Due to the current Middle East crisis, this activity is being suspended. It is currently planned that it will be reactivated in March and completed by May 1991.

2. Gas Turbine Blade Failure Analysis for Pakistan. Responding to USAID/Islamabad, the Office of Energy has instructed CETA to mobilize two gas turbine experts to conduct a TDY in Pakistan in order to assist the Government of Pakistan (GOP) in assessing the nature of damage of gas turbine equipment in an attempt to rehabilitate the power plant in question. Due to the Middle East crisis, travel to Pakistan is suspended per State Department travel advisory. Estimated costs are \$50,000. It is planned that this activity will be resumed in March and completed in May 1991.

3. Egypt Oil Shale and Cogeneration Studies. USAID/Cairo and the Office of Energy agreed on initiatives to: 1) assess the economic potential of oil shale for electricity generation, and 2) assess the potential for energy conservation and efficiency in the sugar mill industry. Estimated costs are \$85,000. The Office of Energy has requested CETA to support this task. This task has been postponed due to the current Middle East crisis. It is planned that this activity will be resumed in March and completed by early-June 1991.

4. IGCC Prefeasibility Study for India. Political changes within the Government of India have delayed the approvals needed for the final phase of this project demonstration facility. Consequently, the selection process for a U.S. fluidized bed gasifier developer has been stalled. Additionally, the original plant site for the demonstration facility has changed. These actions preclude the CETA Project from completing engineering and planning support for this last phase by March. Decisions by the Government of India are anticipated by mid-February which will allow CETA to complete their activities by May 1991.

5. Clean Coal Technology for Poland. Energoprojekt, the engineering arm of the Polish national electricity utility, has requested assistance from the Office of Energy to assess U.S. clean coal technology (CCT). Several key engineers from Energoprojekt would visit the U.S. for firsthand observations of CCT at various power plants. The Office of Energy has agreed to Energoprojekt's request and has instructed CETA to support this task. The estimated cost is \$20,000. Required clearances from the Eastern Europe/Near East Bureau and the State Department have been delayed. Clearances are anticipated by February and this effort would be completed in April 1991.

6. Power Planning Study for Thailand. Since November 1990, S&T/EY has conducted discussions with USAID/Bangkok to conduct a study in the Songkhla area of Thailand. Due to a recent decision made by the Government of Thailand on the power supply planning in that area, the scope of this effort has to be revised, delaying the study schedule. S&T/EY now plans to engage CETA to perform this activity during February - April 1991 to give recommendations to USAID/Bangkok.

No additional extensions for the CETA Project will be requested. A.I.D. will monitor CETA to ensure the schedule is met. In the event these tasks cannot be completed within the revised schedule, A.I.D. will ensure that the appropriate information is transferred from CETA to the Energy Technology Innovation Project contractor or other project contractors for completion of any outstanding task(s).

Recommendation: That you sign the attached Project Amendment Number 9.

Approved: Jack Vandergriff (S)
Disapproved: _____
Date: 2-19-91

Clearance:

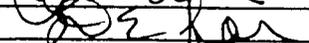
S&T/EY, A. Sabadell



Date:

2/1/91

S&T/PO, D. Sheldon



Date:

2/14/91

CG, Eileen Hsieh

(phone) S. Roth

Date:

2/1/91

Attachment:

Project Data Sheet

Project Authorization Amendment Sheet

PROJECT AUTHORIZATION AMENDMENT No. 9

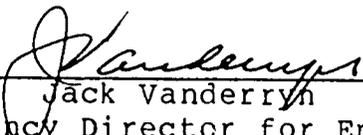
Entity: Worldwide
Project Number: 936-5724
Project Name: Conventional Energy Technical Assistance

1. Pursuant to the Section 103 and 106 of the Foreign Assistance Act of 1961, as amended, the Conventional Energy Technical Assistance, which is centrally funded, was authorized on September 1980; and amended on June 11, 1985; April 30, 1987; May 19, 1987; December 13, 1988; and April 14, 1990. That authorization is hereby further amended as follows:

To extend the PACD from March 31, 1991, to July 10, 1991.

2. Except as herein amended all other terms and conditions remain unchanged.

Approved: _____


Jack Vanderryn
Agency Director for Energy
and Natural Resources
Bureau for Science and Technology

Date: _____

2-19-91

Clearances:

S&T/EY: JBSullivan

Date: 2/11/91

S&T/PO: DSheldon

Date: 2/14/91

GC: EHieh

(phone) SAToth

Date: 2/17/91