

AGENCY FOR INTERNATIONAL DEVELOPMENT

PROJECT DATA SHEET

1. TRANSACTION CODE

A = Add
 C = Change
 D = Delete

Amendment Number

4

DOCUMENT CODE

3

2. COUNTRY/ENTITY

Worldwide

3. PROJECT NUMBER

936-5710

4. BUREAU/OFFICE

S&T/EY

10

5. PROJECT TITLE (maximum 40 characters)

Photovoltaic Technology Project

6. PROJECT ASSISTANCE COMPLETION DATE (PACD)

MM DD YY
 1 2 3 1 8 7

7. ESTIMATED DATE OF OBLIGATION
 (Under 'B' below, enter 1, 2, 3, or 4)

A. Initial FY 7 9

B. Quarter

C. Final FY 8 4

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

| A. FUNDING SOURCE | FIRST FY 79 | | | LIFE OF PROJECT | | |
|------------------------|-------------|--------|----------|-----------------|--------|----------|
| | B. FX | C. L/C | D. Total | E. FX | F. L/C | G. Total |
| AID Appropriated Total | | | | | | |
| (Grant) | (2000) | () | (2000) | (3721) | () | (3721) |
| (Loan) | () | () | () | () | () | () |
| Other U.S. | | | | | | |
| 1. | | | | | | |
| 2. | | | | | | |
| Host Country | | | | | | |
| Other Donor(s) | | | | | | |
| TOTALS | 2000 | | 2000 | 3721 | | 3721 |

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 | | | | 3721 | | | | 3721 | |
| (2) | | | | | | | | | |
| (3) | | | | | | | | | |
| (4) | | | | | | | | | |
| TOTALS | | | | 3721 | | | | 3721 | |

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

11. SECONDARY PURPOSE CODE

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

A. Code

B. Amount

13. PROJECT PURPOSE (maximum 480 characters)

To demonstrate the suitability of photovoltaic technology to energy for development application.

14. SCHEDULED EVALUATIONS

Interim MM YY MM YY Final MM YY
 1 2 8 5

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.)

A no cost extension of project until 31 December 1987.

| | | | | |
|-----------------|-------------|---|----------|---|
| 17. APPROVED BY | Signature | <i>James B. Sullivan</i> | | 18. DATE DOCUMENT RECEIVED IN AID/W, OR FOR AID/W DOCUMENTS, DATE OF DISTRIBUTION |
| | Title | Acting Director, Office of Energy - Bureau for Science and Technology | | |
| | Date Signed | MM DD YY | MM DD YY | |
| | | 1 1 20 8 6 | | |

AUTHORIZATION AMENDMENT

Entity: Worldwide
Project Title: Photovoltaic Technology Project
Project Number: 936-5710

1. Pursuant to Section 106 of the Foreign Assistance Act of 1961, as amended, the Photovoltaic Technology project, which is centrally funded and last amended December 1985, is hereby approved for extension from December 31, 1986 through December 31, 1987 with a Life-of-project no cost increase.

2. I certify that the work to be completed falls within the technical assistance area to developing countries and is therefore in accordance with Section 621(a) of the Foreign Assistance Act of 1961 and does not interfere with domestic programs.

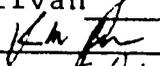
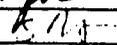


Jack Vanderryn
Agency for International Development
and Natural Resources

12/21/86

Date

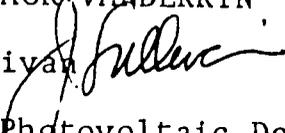
Clearance:

| | | | |
|---------|--|------|----------|
| S&T/EY: | J.B.Sullivan  | Date | 11/19/86 |
| S&T/PO: | G.Gower  | Date | 12/1/86 |
| GC/CP: | S.Tisa  | Date | 11/24/86 |

AGENCY FOR INTERNATIONAL DEVELOPMENT
WASHINGTON, D.C. 20523

26 NOV 1986

ACTION MEMORANDUM FOR S&T/EN, JACK VANDERRYN

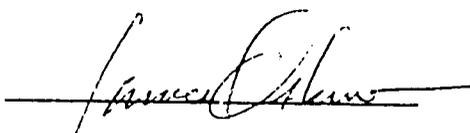
FROM: S&T/EY, James B. Sullivan 
SUBJECT: No-Cost Extension of Photovoltaic Development and Support Program (936-5710)

Problem: A no-cost extension is needed for the Photovoltaic Development and Support Program (PDSP) which expires on December 31, 1986.

Background: NASA/Lewis Research Center, in a discussion with Shirley Toth in late October, and the attached letter dated November 3, 1986 requested a no-cost extension of the Participating Agency Service Agreement between NASA and AID. All major work under the PASA has been completed; however there are several items which must yet be completed. These include:

- purchase and ship spare parts and replacement batteries
- printing and distribution of final report documenting results of questionnaires to field sites
- installing replacement battery calls for photovoltaic powered earth station (should have been installed but batteries have not cleared customs)

Recommendations: That you approve a 12 month no-cost extension in order for NASA/Lewis to complete work started under the original PASA by signing below and signing the attached Authorization Amendment.

Approved: 

Disapproved: _____

Date: 12/4/86

Clearance:

S&T/PO:G.Gower 1/1/86

Date 12/1/86

GC/CP:S.Tisa _____

Date _____

Attachments:

1. Project Data Sheet
2. Authorization Amendment
3. Letter from NASA/Lewis

Lewis Research Center
Cleveland, Ohio
44135

Reply to Attn of

0171

November 3, 1986

Ms. Shirley Toth
US AID
S7T/EY SA - 18, Rm. 508
Washington, DC 20523

Dear Ms. Toth:

The NASA Lewis Research Center requests that NASA/AID Agreement No. NASA/DSB-57-2-79, PV Development and Support Program, which expires on December 31, 1986, be extended through September 30, 1987. The time extension is required to complete the following activities and to cover any contingency situations arising from the close-out of this program.

PV POWERED REFRIGERATORS FOR VACCINE STORAGE:

Print and distribute the final report documenting the results from the user questionnaire sent to all field test sites.

Estimated completion: Feb. 1987

Estimated cost: \$5000

Purchase and ship replenishment spares and replacement batteries to AID/Solavolt refrigerator systems sites.

Estimated completion: Feb. 1987

Estimated cost: \$10,000

PV POWERED EARTH STATION, Indonesia: Hughes Aircraft Corp.
Contract NAS3-23862:

Installation of replacement batteries for those damaged during shipment of original hardware to site.

Installation of various control system components, modification of diesel-generator fuel system and replacement of spare inverter.

Estimated completion: March 1987

Estimated cost: \$5000

Shipping costs for above batteries: \$5000

Note that this activity has been prolonged because of failure on the part of the Indonesian Government to cooperate in the customs clearance of the batteries.

Sufficient funds remain to complete all of the above activities.

Sincerely,

A handwritten signature in cursive script, appearing to read "A. F. Ratajczak".

A. F. Ratajczak

cc:
5400/E. R. Quayle