

720 21

REPUBLIC OF GUINEA (FOR THE IMPLEMENTATION OF DEVELOPMENT AID)
 AN ACTIVITY OF THE GOVERNMENT OF THE UNITED STATES OF AMERICA, AND
 THE DIRECTORATE GENERAL FOR BUDGET & FOREIGN AID
 AN ACTIVITY OF THE DEPARTMENT OF FINANCE

Under the terms of the Economic Cooperation Agreement signed September 7, 1951, and the standard provisions annexes attached, it is agreed on entry and is stated in other parts with the terms set forth herein.

1. PROJECT No. **730-11-120-407** 2. AGREEMENT No. **72-094** 3. ORIGINAL REVISION No. _____
 4. PROJECT TITLE: **Irrigation Development**
 (Sub-Activity)

5. PROJECT DESCRIPTION AND EXPLANATION (See Annex A attached)
 6. APPROPRIATION: **72-1121006** 7. AGREEMENT: **255-30-730-00-69-21**

8. AID DOLLAR FINANCING (Cost Component)	PREVIOUS TOTAL (a)	INCREASE (b)	DECREASE (c)	TOTAL TO DATE (d)
a. PERSONNEL COSTS (1) US PASA Contract				
(2) LOCAL AID FOR PASA Contract				
b. PARTICIPANTS AID Direct PASA/Contract				
c. COMMODITIES AID Direct PASA/Contract		60,000		60,000
d. OTHER COSTS AID Direct PASA/Contract				
e. TOTAL (ALL COSTS)		60,000		60,000
9. LOCAL CURRENCY FINANCING (\$1.00 = 1,000 G)				
a. COUNTERPART Trust Fund AAC Special Fund Other				
b. GVN (SHOW SOURCE BELOW)				
c. US - OWNED				

10. REFERENCES AND REMARKS: This Agreement represents the planned implementation of the Irrigation Development project as agreed to by representatives of the USG and GVN whose signatures appear hereon. In addition to serving as the Master Agreement for FY 72 this document obligates US\$**60,000** for the purchase of professional, scientific equipment for the preparation of National Water Control projects, & office equip. Ref: P10/C - 20789; Waiver-72-407-41.

11. DATE OF ORIG. AGREEMENT: **June 26, 1972** 12. DATE OF THIS REVISION: _____ 13. EST. FISCAL COMPLETION DATE: **December 31, 1974**

14. GOVERNMENT OF GUINEA: _____ 15. AGENCY FOR INTERNATIONAL DEVELOPMENT: _____
 SIGNATURE: *[Signature]* DATE: **June 22, 72** SIGNATURE: *[Signature]* DATE: **6/26/72**
 TITLE: **Dir Budget & Foreign Aid** TITLE: **Associate Director FOR PROGRAMS**

PRO AG
CONTINUATION
SHEET
ANNEX

PROJECT AGREEMENT
BETWEEN AID AND
DGRFA
AN AGENCY OF THE GOVERNMENT OF
Vietnam

Project/Activity No.
730-11-120-407
2. Agreement No.
72-094
3. Project/Activity Title
Irrigation Development

PAGE 2 OF 6 PAGES
1. Original or
Revision No. _____

I. BACKGROUND

South Vietnam lies in the region influenced by tropical monsoons resulting in periods of heavy rain and dry weather, about equally divided during the year. This would ordinarily indicate an agriculture dependent upon one crop per year, however, the country is fortunate in having an abundance of irrigation water available in rivers and streams, including the Mekong River and its tributaries. Extensive physical works, canals, structures and dikes have been installed, some dating from the French Colonial times. Some of these structures still exist and are operable, however, many of them have been destroyed or abandoned.

To monitor and direct the rehabilitation, utilization and expansion of water control systems, the Directorate of Irrigation and Rural Engineering (DIKE) was established in the Ministry of Land Reform, Agriculture, Fishery and Animal Husbandry Development (MERAFAD). The war and the security situation restricted the activities of this Directorate during its early years, but with the improved security in 1970 and 1971 its work load and responsibilities greatly increased.

Acquisition of qualified staff has been difficult, if not impossible, due to the time necessary for academic and practical training in the highly specialized science of irrigation and water control.

In 1970, Vietnam had 2,840,000 hectares of cultivable land with approximately 332,000 hectares under irrigation water control systems. Thus, Vietnam in 1970 had approximately 11.7% of its cultivable land under water control or irrigation compared to an average of 35% for Southeast Asia in 1965.

DIKE has the responsibility for developing improved water management facilities in Vietnam, but is seriously short of technically qualified manpower, especially at the administrative level. Through 1969, these shortcomings were not serious. Starting with CY 1969, however, the GVN funded irrigation programs at a much more rapid rate. The CY 1969 national budget authorized 38 projects at a cost of VN\$160 million. The CY 1972 project load is 115 projects and VN\$2.3 billion. With this rapid rate of expansion, the project completion rate went down from 100% in 1969 to 70% in 1971.

Responsible officials in the GVN including the MERAFAD are aware of the tremendous importance of water control in Vietnam and its effect on agricultural production. A study conducted in 13 provinces during the crop year 1968-1969 of rice paddy loss due to salt water intrusion in the coastal area of the Mekong Delta indicated that those provinces affected by salt water intrusion sustained an average loss of 14.7% as compared to similar areas not so affected.

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

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

AID 1379-1A G-788 PRO AG CONTRIBUTION SHEET ANNEX	PROJECT AGREEMENT BETWEEN AID AND DGBFA	1. Project/Activity No. 730-11-120-607	PAGE 8 OF 6 PAGES
		2. Agreement No. 72-094	3. <input checked="" type="checkbox"/> Original or Revision No.
	AN AGENCY OF THE GOVERNMENT OF Vietnam	3. Project/Activity Title Irrigation Development	

The GVN's national plans for economic development of Vietnam have identified 25 major irrigation/water control projects on 569,000 hectares.

While the major purpose of this project is not to construct water control projects, but to assist DIRE in a rapid expansion and upgrading of its staff, it should be emphasized that the outlook at present for large scale assistance from other donors to help in the implementation of major water control projects is good. Depending on security, the Asian Development Bank, the Netherlands, Japan and the Mekong Committee may program grants and soft loans for water control projects starting in CY 1972 or 1973. The possibility of this magnitude of assistance underlines the urgency in developing DIRE to handle the anticipated greatly increased workload.

DIRE handles its projects largely through contracts with local firms, but the Directorate's capacity for providing competent, project management and technical supervision of these contracts is now seriously over-extended. The GVN recognizes this and has requested technical assistance from USAID.

II. GOAL STATEMENT

To increase the efficiency of production and distribution of agricultural products, increase and equitably distribute farm income, provide an adequate diet for the people of Vietnam at reasonable costs, achieve surplus production of commodities with favorable economic advantage, and expand exports of agricultural commodities and of products derived from agricultural commodities.

III. PURPOSE

Increase the institutional capability of the DIRE using either its own staff or contractors, to plan, design, evaluate and supervise the execution of water control projects.

IV. END OF PROJECT STATUS

Conditions expected at the end of the project include:

- A. An expanded and strengthened DIRE meeting current national water control goals with minimal technical assistance.
- B. An established and functioning institutional capability for conducting in-service training.
- C. Hydrological data collected on a regular basis in cooperation with other GVN agencies.

For the Cooperating Government or Agency

For the Agency for International Development

SIGNATURE: _____ DATE: _____
 TITLE: _____

SIGNATURE: _____ DATE: _____
 TITLE: _____

PROJECT AGREEMENT
BETWEEN AID AND
DGBFAAN AGENCY OF THE GOVERNMENT OF
VietnamProject/Activity No.
730-11-120-407

PAGE 6 OF 6 PAGES

2. Agreement No.
72-0943. Original or
Revision No. _____

3. Project/Activity Title

Irrigation Development

D. Water resources facilities being designed, constructed and maintained meeting universally acceptable engineering criteria, as to design and utilization for increased agricultural production and diversified cropping patterns.

V. OUTPUTS

A. The DIRE, in cooperation with US advisors, will prepare a Water Control Development Plan.

B. Select the future sites for hydrological data collecting stations in cooperation with the National Secretariat of Hydrology of the GVN.

C. Establish an in-country training program for sub-professionals to attend the Phu Tho Polytechnic University for B.S. degrees in Civil Engineering (10-20 participants in CY 72-73).

D. Establish the procedures for intensive English training for selected candidates for advanced academic training in the US (20 participants in CY 72-73).

E. Establish an in-country seminar type training program at the central and sector offices. (Three (3) technical courses for professionals at the central office in FY 72, and ten (10) technical courses for sub-professionals in the sector office in FY 72).

VI. INPUTSA. GVN

Preliminary input responsibility for the project rests with the DIRE which agrees to:

1. Designate at least one (1) technician of DIRE to act as counterpart for each US advisor assigned to work on this project.

2. Select from the sub-professional Engineering staff of the GVN at least ten (10) and not more than 20 graduates of the Phu Tho Polytechnic University two year course for B.S. degree training at Phu Tho. All trainees that complete their B.S. degree will be placed on the professional staff of DIRE.

3. Select and nominate by October 1972 twenty (20) technicians as candidates for a special participant training program in Hydraulic Engineering in the US. These 20 candidates will be assigned to intensive English language

For the Cooperating Government or Agency

For the Agency for International Development

SIGNATURE: _____ DATE: _____
TITLE: _____SIGNATURE: _____ DATE: _____
TITLE: _____

PRO AG
CONTINUATION
SHEET
ANNEXPROJECT AGREEMENT
BETWEEN AID AND
DDBFAAN AGENCY OF THE GOVERNMENT OF
Vietnam1. Project/Activity No.
730-11-120-807

PAGE 5 OF 6 PAGES

2. Agreement No.
72-0943. Original or
Revision No. _____

3. Project/Activity Title:

Irrigation Development

training in the USAID Staff Development Center and the top 15 will be selected for the first class in the US.

4. Insure that equipment and other commodities purchased for DIRE are utilized as agreed upon in the Work Plan and Project Documents.

5. Conduct for DIRE personnel a minimum of three (3) professional training courses (one or two-week duration) and ten (10) sub-professional training courses (one-week duration) followed by on-the-job follow-up training.

B. USAID

The USAID agrees to provide the following inputs:

1. One part-time advisor in FY 72 to advise the GVN on review and evaluation of government regulations and policies and procedures that affect the achievement of end of project conditions.

2. US\$60,000 for commodity and logistical support agreed upon by the GVN and USAID. PIO/Cs for \$33,600 are simultaneously issued with this Project Agreement; the balance of \$26,400 is obligated under waiver.

VII. DESIGNATIONSA. GVN

The Director of the DIRE is hereby designated GVN Project Manager. In this capacity, he will have primary responsibility for the overall implementation of the program and will work closely with the US Project Manager in all phases of project implementation.

B. USAID

The Assistant Director for Irrigation, ADFA, is hereby designated US Project Manager. In this capacity, he will act as advisor to DIRE on all phases of implementation including budgeting and evaluations, and will coordinate the USAID assistance provided for this project.

For the Cooperating Government or Agency

For the Agency for International Development

SIGNATURE: _____ DATE: _____
TITLE: _____SIGNATURE: _____ DATE: _____
TITLE: _____

PROJECT AGREEMENT
 BETWEEN AID AND
 DGBFA

AN AGENCY OF THE GOVERNMENT OF
 Vietnam

1. Project/Activity No.
 730-11-120-407

PAGE 6 OF 6 PAGES

2. Agreement No.
 72-096

3. Original or
 Revision No. _____

3. Project/Activity Title
 Irrigation Development

VIII. REPORTING AND EVALUATION

The GVN and US Project Managers will prepare jointly an annual evaluation and report of the project based on criteria set forth in this agreement.

IX. CONCURRENCES

M. Rafah 20/6/72
 For Minister, MIRAFAHD (Date)

James J. Harris 6/01/72
 acting Associate Director (Date)
 for Food and Agriculture

Quinn 16/6/72
 Director General (Date)
 of Agriculture

[Signature] 16/6/72
 Director, D I R S (Date)

For the Cooperating Government or Agency

For the Agency for International Development

SIGNATURE: _____ DATE: _____
 TITLE: _____

SIGNATURE: _____ DATE: _____
 TITLE: _____

PROJECT DOCUMENT CLEARANCE SHEET

Project Title : Irrigation Development

Project Number : 730-11-120-607

Agreement Number : 72-094

Original X Revision _____

Explanation and/or comments

This Agreement represents the planned implementation of the Irrigation Development project as agreed to by representatives of the USC and GVN whose signatures appear hereon. In addition to serving as the Master Agreement for FY 72 this document obligates US\$60,000 for the purchase of professional, scientific equipment for the preparation of National Water Control projects, and office equipment.

If you concur in the attached document, please sign and date below :

ADPROG :

HRH 6/13

APO

6/13/72
RROR P

Division Chief

Financial Mgmt. Br.

In Reed 6/23/72

ADPROG

ADFM

AKF A. Welch 6/14

FAD

6/14/72 L.

B&A

D. Wolowick

ADFM

TECHNICAL OFFICE :

R. W. Clark

Project Manager

Simon J. ...

Division Chief or Assistant Director

OTHER :

[Signature]
W. C. ...

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 DIRECTORATE GENERAL FOR BUDGET AND FOREIGN AID (DGBFA)
 AN AGENCY OF THE GOVERNMENT OF VIETNAM

Under the terms of the Economic Cooperation Agreement signed September 7, 1951, and the standard provisions annexes attached, it is agreed to carry out a project in accordance with the terms set forth herein.

1. PROJECT No. 730-11-120-407 & AGREEMENT No. 73-021 4. ORIGINAL REVISION No.

2. PROJECT TITLE: Irrigation Development
 (Sub-Activity)

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

6. APPROPRIATION :

7. ALLOTMENT :

8. AID DOLLAR FINANCING (Cost Component)	PREVIOUS TOTAL (a)	INCREASE (b)	DECREASE (c)	TOTAL TO DATE (d)
a. PERSONNEL COSTS				
(1) US PASA				
Contract				
(2) LOCAL AND TCM PASA				
Contract				
b. PARTICIPANTS				
AID Direct				
PASA/Contract				
c. COMMODITIES				
AID Direct				
PASA/Contract				
d. OTHER COSTS				
AID Direct				
PASA/Contract				
e. TOTAL (ALL COSTS)				
9. LOCAL CURRENCY FINANCING (\$1.00 = PIASTERS)				
a. COUNTERPART				
Trust Fund				
AAC CY 1972		20,000,000		20,000,000
Special Fund				
Other				
b. OVN (SHOW SOURCE BELOW)				
c. US - OWNED				

10. REFERENCES AND REMARKS :

This Agreement serves as the Master Project Agreement for the Irrigation Development project and contains Annex D, Work Plan and AAC Budget of CY 1972

11. DATE OF ORIG. AGREEMENT
September 7, 1972

12. DATE OF THIS REVISION

13. EST FINAL CONTRIBUTION DATE
June 30, 1975

14. GOVERNMENT OF VIETNAM

SIGNATURE

[Signature]
 for Director General
 Title: Director General
 Date: Sept 6 72

15. AGENCY FOR INTERNATIONAL DEVELOPMENT

SIGNATURE

[Signature]
 Associate Director for Program
 Date: 9/7/72

PRO AG CONTINUATION SHEET ANNEX <u>A</u>	PROJECT AGREEMENT BETWEEN AID AND DGBFA	150-11-120-401	3
	AN AGENCY OF THE GOVERNMENT OF Vietnam	Agreement No. 73-021	Original to Replaces No.
		Project/Activity Title Irrigation Development	

I. BACKGROUND

South Vietnam lies in the region influenced by tropical monsoons resulting in periods of heavy rain and dry weather, about equally divided during the year. This would ordinarily indicate an agriculture dependent upon one crop per year, however, the country is fortunate in having an abundance of irrigation water available in rivers and streams, including the Mekong River and its tributaries. Extensive physical works, canals, structures and dikes have been installed, some dating from the French Colonial times. Some of these structures still exist and are operable, however, many of them have been destroyed or abandoned.

To monitor and direct the rehabilitation, utilization and expansion of water control systems, the Directorate of Irrigation and Rural Engineering (DIRE) was established in the Ministry of Land Reform, Agriculture, Fishery and Animal Husbandry Development (MLRAPAD). The war and the security situation restricted the activities of this Directorate during its early years, but with the improved security in 1970 and 1971 its work load and responsibilities greatly increased.

Acquisition of qualified staff has been difficult, if not impossible, due to the time necessary for academic and practical training in the highly specialized science of irrigation and water control.

In 1970, Vietnam had 2,840,000 hectares of cultivable land with approximately 332,000 hectares under irrigation water control systems. Thus, Vietnam in 1970 had approximately 11.7% of its cultivable land under water control or irrigation compared to an average of 35% for Southeast Asia in 1965.

DIRE has the responsibility for developing improved water management facilities in Vietnam, but it is seriously short of technically qualified manpower, especially at the administrative level. Through 1969, these shortcomings were not serious. Starting with CY 1969, however, the GVN funded irrigation programs at a much more rapid rate. The CY 1969 national budget authorized 38 projects at a cost of VN\$160 million. The CY 1972 project load is 115 projects and VN\$2.3 billion. With this rapid rate of expansion, the project completion rate went down from 100% in 1969 to 70% in 1971.

Responsible officials in the GVN including the MLRAPAD are aware of the tremendous importance of water control in Vietnam and its effect on agricultural production. A study conducted in 13 provinces during the crop

For the Cooperating Government or Agency

For the Agency for International Development

SIGNATURE: _____ DATE: _____
 TITLE: _____

SIGNATURE: _____ DATE: _____
 TITLE: _____

PRO AG CONTRIBUTION SHEET ANNEX A	PROJECT AGREEMENT BETWEEN AID AND DGBFA	730-11-120-407	PAGE 3 OF 8 PAGES
	AN AGENCY OF THE GOVERNMENT OF Vietnam	I. Agreement No. 73-021	<input checked="" type="checkbox"/> Original or Replaces No. _____
		E. Project/Activity Title Irrigation Development	

year 1968-1969 of rice paddy loss due to salt water intrusion in the coastal area of the Mekong Delta indicated that those provinces affected by salt water intrusion sustained an average loss of 14.7% as compared to similar areas not so affected.

The GVN's national plans for economic development of Vietnam have identified 25 major irrigation/water control projects on 569,000 hectares.

While the major purpose of this project is not to construct water control projects, but to assist DIRE in a rapid expansion and upgrading of its staff, it should be emphasized that the outlook at present for large scale assistance from other donors to help in the implementation of major water control projects is good. Depending on security, the Asian Development Bank, the Netherlands, Japan and the Mekong Committee may program grants and soft loans for water control projects starting in CY 1972 or 1973. The possibility of this magnitude of assistance underlines the urgency in developing DIRE to handle the anticipated greatly increased workload.

DIRE handles its projects largely through contracts with local firms, but the Directorate's capacity for providing competent, project management and technical supervision of these contracts is now seriously over-extended. The GVN recognizes this and has requested technical assistance from USAID.

II. GOAL STATEMENT

To increase the efficiency of production and distribution of agricultural products, increase and equitably distribute farm income, provide an adequate diet for the people of Vietnam at reasonable costs, achieve surplus production of commodities with favorable economic advantage, and expand exports of agricultural commodities and of products derived from agricultural commodities.

III. PURPOSE

Increase the institutional capability of the DIRE, using either its own staff or contractors, to plan, design, evaluate and supervise the execution of water control projects.

IV. END OF PROJECT STATUS

Conditions expected at the end of the project include:

A. An expanded and strengthened DIRE meeting current national water control goals with minimal technical assistance.

For the Cooperating Government or Agency:

For the Agency for International Development:

SIGNATURE: _____ DATE: _____
TITLE: _____

SIGNATURE: _____ DATE: _____
TITLE: _____

PRO AG CONTRIBUTION SHEET ANNEX <u>A</u>	PROJECT AGREEMENT BETWEEN AID AGENCIES	Project No. 730-11-120-457	Page 8
	IGBFA	1. Agreement No. 73-021	2. <input checked="" type="checkbox"/> Original or Duplicate No.
	AN AGENCY OF THE GOVERNMENT OF Vietnam	3. Project/Activity Title Irrigation Development	

B. An established and functioning institutional capability for conducting in-service training.

C. Hydrological data collected on a regular basis in cooperation with other GVN agencies.

D. Water resources facilities being designed, constructed and maintained and meeting universally acceptable engineering criteria, as to design and utilization for increased agricultural production and diversified cropping patterns.

V. OUTPUTS

A. The DIRE, in cooperation with US advisors, will prepare a Water Control Development Plan. It also will:

B. Select the future sites for hydrological data collecting stations in cooperation with the National Secretariat of Hydrology of the GVN.

C. Establish an in-country training program for sub-professionals to attend the Phu Tho Polytechnic University for B.S. degrees in Civil Engineering (10-20 participants in CY 72-73).

D. Establish the procedures for the intensive English training for selected candidates for advanced academic training in the US (20 participants in CY 72-73).

E. Establish an in-country seminar type training program at the central and sector offices. (four (4) technical courses for professionals at the central office in FY 73, and fifteen (15) technical courses for sub-professionals in the sector office in FY 73).

VI. INPUTS

A. GVN

Preliminary input responsibility for the project rests with the DIRE which agrees to:

1. Designate at least one (1) technician of DIRE to act as counterpart for each US advisor assigned to work on this project.

2. Select from the sub-professional Engineering staff of the GVN at least ten (10) and not more than 20 graduates of the Phu Tho Polytechnic

For the Cooperating Government or Agency

For the Agency for International Development

Signature: _____ Date: _____
Title: _____

Signature: _____ Date: _____
Title: _____

PRO AG CONTINUATION SHEET	PROJECT TITLE OF ATTACHED TO AID	730-11-120-407	Doc. No. 118
	DGBPA	Agreement No. 73-021	(X) Original or Revised No.
UNIT: A	AN AGENCY OF THE GOVERNMENT OF Vietnam	2. Project/Activity Title Irrigation Development	

University two year course for B.S. degree training at Phu Tho. All trainees that complete their B.S. degree will be placed on the professional staff of DIRE.

3. Select and nominate by October 1972 twenty (20) technicians as candidates for a special participant training program in Hydraulic Engineering in the US. These 20 candidates will be assigned to intensive English language training in the USAID Staff Development Center and the top 15 will be selected for the first class in the US.

3. Insure that equipment and other commodities purchased for DIR DIRE are utilized as agreed upon in the Work Plan and Project Documents.

5. Conduct for DIRE personnel a minimum of four (4) professional training courses (one or two-week duration) and fifteen (15) sub-professional training courses (one-week duration) followed by on-the-job follow-up training.

B. USAID

Subject to the availability of funds,
The USAID agrees to provide the following inputs:

1. Up to seven advisors in FY 73 to advise the GVN on review and evaluation of government regulations and policies and procedures that affect the achievement of end of project conditions.

2. Commodity and logistical support agreed upon by the GVN and USAID.

VII. DESIGNATIONS

A. GVN

The Director of the DIRE is hereby designated GVN Project Manager. In this capacity, he will have primary responsibility for the overall implementation of the program and will work closely with the US Project Manager in all phases of project implementation.

B. USAID

The Assistant Director for Irrigation, ADPA, is hereby designated US Project Manager. In this capacity, he will act as advisor to DIRE on all phases of implementation including budgeting and evaluations, and will coordinate the USAID assistance provided for this project.

For the Cooperating Government or Agency

For the Agency for International Development

SIGNATURE: _____
TITLE: _____

SIGNATURE: _____ DATE: _____
TITLE: _____

PRO AG CONTINUATION SHEET ANNEX <u>A</u>	PROJECT AGREEMENT BETWEEN AID AND DEBR	730-11-120-107	PAGE <u>2</u> OF <u>8</u> PAGES
	AN AGENCY OF THE GOVERNMENT OF Vietnam	2. Agreement No. T3-021	1. <input checked="" type="checkbox"/> Original or Facsimile No.
		3. Project/Activity Title Irrigation Development	

VIII. REPORTING AND EVALUATION

The GVN and US Project Managers will prepare jointly an annual evaluation and report of the project based on criteria set forth in this agreement.

IX. SPECIAL PROVISIONS

None.

X. STANDARD PROVISIONS ANNEX

The Standard Provisions Annex B, for US dollar funding, and Foreign Currency Standard Provision Annex C, for foreign currency uses, is appended hereto as a part of this agreement.

Concurrences:

Cananhan Aug. 30 1972
Minister of Land Reform,
Agriculture, Fishery, and
Animal Husbandry Development

James B. Davis 7 Aug 1972
Associate Director for
Food and Agriculture

[Signature]
Director General of
Agriculture

[Signature]
Director, Directorate of
Irrigation and Rural Engineering

For the Competing Government or Agency

For the Agency for International Development

DATE: _____ TIME: _____

DATE: _____ TIME: _____

PRO AG CONTINUATION SHEET ANNEX <u>D</u>	PROJECT AGREEMENT BETWEEN AID AND DRDA	730-11-160-401	Page <u>7</u> of <u>8</u>
	AN AGENCY OF THE GOVERNMENT OF Vietnam	I. Agreement No. 73-021	Original or Revision No.
		II. Project/Activity Title Irrigation Development	

WORK PLAN

The target of this activity is to support the GVN Directorate of Irrigation and Rural Engineering in expanding and strengthening its staff to plan, design, evaluate and supervise the execution of water control projects.

The following actions will be undertaken to accomplish the target:

1. Renovation and construction of main Hydrography Office at the National Headquarter in Saigon.
2. Renovation of regional Hydrography Offices located at the sector offices.
3. Construction of 6 basic Hydrographic Stations. (Locations to be determined in cooperation with the National Secretariat of Hydrology).
4. Renovation of training center facilities at the National Headquarters in Saigon.
5. Review and upgrade training materials utilized at the training center.
6. Conduct training courses for professionals and sub-professionals.

For the Co-sponsoring Government or Agency

For the Agency for International Development

WITNESSES: _____ DATE: _____
 TITLE: _____

SIGNATURE: _____ DATE: _____
 TITLE: _____

PRO AG
CONTINUATION
SHEET

ANNEX D

PROJECT AGREEMENT
BETWEEN AID AGENCIES

730-11-320-407

Page 2 of 8 pages

DGHA

1. Agreement No. 73-021

2. Original or
Duplicate No.

AN AGENCY OF THE GOVERNMENT OF

2. Project/Activity Title
Irrigation Development

AAC BUDGET - CY 72

<u>Article</u>	<u>Expenditures</u>	<u>US\$ (000)</u>
71-79	A. <u>Hydrographic Support</u>	
	Hydrographic and office equipment	2,000
	Renovation and construction of main office	4,000
	Renovation and construction of regional offices	2,000
	Construction of 6 basic Hydrographic Stations	<u>6,000</u>
	Sub-Total	14,000
	B. <u>Training Support</u>	
71-79	Instruction fees	500
	Trainee support	1,000
	Training Aids and materials	500
	Equipment for Training Center	1,000
	Renovation of Training Center	<u>3,000</u>
	Sub-Total	<u>6,000</u>
	Grand Total	<u>20,000</u>

For the Cooperating Government or Agency

For the Agency for International Development

SIGNATURES _____
TITLES _____

SIGNATURES _____
TITLES _____

PROJECT DOCUMENT CLEARANCE SHEET

Project Title : Irrigation Development

Project Number : 730-11-120-407

Agreement Number : 73-021

Original Revision _____

Explanation and/or comments

This Project Agreement sets forth in general terms the scope of the Irrigation Development Project including the planned responsibilities of the GVN and the USG.

In addition it obligates US\$20,000,000 from CY 72 AAC.

If you concur in the attached document, please sign and date below :

ADPROG :

X 7/27/72 [Signature]
APC Division Chief Financial Mgmt. Br. ADPROG

ADFM :

[Signature] 8/1/72 [Signature] [Signature]
FAD B&A ADFM

TECHNICAL OFFICE :

[Signature] [Signature]
Project Manager Division Chief or Assistant Director

OTHER :

[Signature]
ADFA

~~CONFIDENTIAL~~

PRO AG
(VIETNAM)

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 DIRECTORATE GENERAL FOR BUDGET AND FOREIGN AID (DGBFA)
AN AGENCY OF THE GOVERNMENT OF VIETNAM

Under the terms of the Economic Cooperation Agreement signed September 7, 1951, and the standard provisions annexes attached, It is agreed to carry out a project in accordance with the terms set forth herein.

1. PROJECT No. 730-11-120-407 2. AGREEMENT No. 73-021 3. ORIGINAL REVISION No. 1

4. PROJECT TITLE : Irrigation Development
(Sub-Activity)

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

6. APPROPRIATION :	7. ALLOTMENT :			
8. AID DOLLAR FINANCING (Cost Component)	PREVIOUS TOTAL (A)	INCREASE (B)	DECREASE (C)	TOTAL TO DATE (D)
a. PERSONNEL COSTS				
(1) US PASA				
Contract				
(2) LOCAL AND TCN PASA				
Contract				
b. PARTICIPANTS				
AID Direct				
PASA/Contract				
c. COMMODITIES				
AID Direct				
PASA/Contract				
d. OTHER COSTS				
AID Direct				
PASA/Contract				
e. TOTAL (ALL COSTS)				
9. LOCAL CURRENCY FINANCING (\$1.00 = PIASTERS)				
a. COUNTERPART				
Trust Fund				
AAC CY 1972	20,000,000			20,000,000
Special AAC CY 1973		23,000,000		23,000,000
Other				
b. GVN (SHOW SOURCE BELOW)				
c. US - OWNED				

10. REFERENCES AND REMARKS : This revision (1) commits VN\$23,000,000 of CY 1973 AAC and (2) provides funding for construction of irrigation research facilities at the University of Can Tho (see Annex A and B).

11. DATE OF ORIG. AGREEMENT : September 7, 1972 | 12. DATE OF THIS REVISION : June 7, 1973 | 13. EST FINAL CONTRIBUTION DATE : June 30, 1975

14. GOVERNMENT OF VIETNAM
 SIGNATURE : [Signature] DATE June 7
 TITLE : Director General for Budget & Foreign Aid 73

15. AGENCY FOR INTERNATIONAL DEVELOPMENT
 SIGNATURE : [Signature] DATE 6/7/73
 TITLE : Associate Director for Program

AID 1880-1A (S-70) PRO AG CONTINUATION SHEET ANNEX <u>A</u>	PROJECT AGREEMENT BETWEEN AID AND DGBFA	1. Project/Activity No. 730-11-120-407	PAGE <u>2</u> OF <u>4</u> PAGES
		2. Agreement No. 73-021	3. <input type="checkbox"/> Original or Revision No. <u>1</u>
	AN AGENCY OF THE GOVERNMENT OF Vietnam	3. Project/Activity Title Irrigation Development	

American Aid Chapter (AAC) funds cited in Block 9a of this ProAg represent the GVN counterpart contribution to this project. These funds are listed in the GVN National Budget for CY 1973, Title 34 (American Aid Programs) and within Title 34, under Title 24, Chapter 704 (Ministry of Land Reform, Agriculture, Fishery and Animal Husbandry Development), Irrigation and Rural Engineering Directorate, Project No. 130-407.

Due to the delay in bringing the proposed American staff on board (page 5 of Project Agreement), the planned direct investments in the establishment of hydrographic stations and training installations will be postponed. Instead, the establishment of the necessary research facilities to study multiple cropping of the Heavy Clay Soils of the Delta under water control will be implemented.

	<u>Expenditures</u> (VN\$000)	
	<u>From</u>	<u>To</u>
<u>Articles 71-79: Direct Investments</u>		
Establishment of eight basic hydrography stations	8,000	0
Equipment of eight basic hydrography stations	2,000	0
New equipment for training installations	1,500	0
Hydrography machinery	1,000	0
Training and Refresher training expenses	<u>10,500</u>	<u>0</u>
Total	23,000	0

<u>Articles 71-79: Direct Investments</u>		
A. Construction of Irrigation System	0	4,000
B. Construction and drainage system	0	2,500
C. Construction of pumping station and storage tank	0	4,500
D. Land Improvement	0	1,300

For the Cooperating Government or Agency

For the Agency for International Development

 SIGNATURE: _____ DATE: _____
 TITLE: _____

 SIGNATURE: _____ DATE: _____
 TITLE: _____

AID 1330-1A (3-707) PRO AG CONTINUATION SHEET ANNEX <u>A</u>	PROJECT AGREEMENT BETWEEN AID AND DGEFA AN AGENCY OF THE GOVERNMENT OF Vietnam	1. Project/Activity No. 730-11-120-407	PAGE <u>3</u> OF <u>4</u> PAGES
		2. Agreement No. 73-021	3. <input type="checkbox"/> Original or Revision No. <u>1</u>
		3. Project/Activity Title Irrigation Development	

E. Construction of Clay Core Dike	0	8,700
F. Contingencies approximately 10%	0	2,000
Total	0	23,000

The revised budget above replaces the tentative budget reflected in Appendix A.

Concurrences:

Lu Phan May 25th 1973
 Minister of Agriculture and Land Development

James B. Paris
 Associate Director for Food and Agriculture

[Signature]
 Director General of Agriculture

[Signature]
 Director of Irrigation and Rural Engineering

For the Cooperating Government or Agency SIGNATURE: _____ DATE: _____ TITLE: _____	For the Agency for International Development SIGNATURE: _____ DATE: _____ TITLE: _____
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AID 1350-1A (3-70) PRO AG CONTINUATION SHEET ANNEX <u>B</u>	PROJECT AGREEMENT BETWEEN AID AND DGBFA	1. Project/Activity No. 730-11-120-407	PAGE <u>4</u> OF <u>4</u> PAGES
	AN AGENCY OF THE GOVERNMENT OF Vietnam	2. Agreement No. 73-021	3. <input type="checkbox"/> Original or Revision No. <u>1</u>
		3. Project/Activity Title Irrigation Development	

WORK PLAN

A. Introduction

The long-term development of irrigation in the Delta of Vietnam requires considerable research to enable the engineers and planners of the Mekong river basin to determine the proper amount of upstream storage of irrigation water for the lower Mekong delta region.

The various conditions affected by the development of the Mekong river and its basin such as salt water intrusion, fisheries environment and water requirements must be determined. This project is one of many such projects now being undertaken for the Mekong Committee. The activities under this project as identified in this ProAg revision Work Plan is intended to determine both the proper method of utilizing the Delta under multiple cropping throughout the year through the use of modern water control procedures and to furnish the basic information to the design hydraulic engineers on the amounts of water needed by the Mekong Delta for dry season irrigation.

A Memorandum of Understanding signed by various institutions in Vietnam, Southeast Asia and AID/Washington is attached as Appendix A. This Memorandum of Understanding provides explanation for the need for this research program and the concurrence of the GVN and USAID in cooperation with the Mekong Committee and AID/W in this project activity.

B. Use of Funds

The VN\$23,000,000 committed by this agreement will be utilized by the Directorate of Irrigation and Rural Engineering to contract with one or more private construction firms to undertake the site development and construction as outlined in the budget in Annex A. The preliminary design has been completed and will be finalized by June 1973. Bids in accordance with GVN regulations will be called for, and contracts let, for the construction of this irrigation-soils management research facility at Can Tho University.

For the Cooperating Government or Agency

For the Agency for International Development

SIGNATURE: _____ DATE: _____
 TITLE: _____

SIGNATURE: _____ DATE: _____
 TITLE: _____

MANAGEMENT OF HEAVY CLAY DELTA SOILS FOR
MULTIPLE CROPPING UNDER WATER CONTROL

MEMORANDUM OF UNDERSTANDING

Preamble

Whereas the Mekong Committee is in need of certain information on the potential use of heavy clay Delta soils in connection with its planning for the development of water and land resources of the Lower Mekong Basin;

Whereas such information not only would be of considerable value to the development of the Mekong Delta region but would also assist in the development of other major river basins found in the tropical regions of the world;

Whereas the US government is actively supporting the economic development of the nations of Southeastern Asia, including regional development programs through the Office for Regional Development (RED) in Bangkok, Vietnam economic assistance programs through the Office of USAID/Saigon and general technical support through the Office of AID/Technical Assistance Bureau (TAB) in Washington, D. C.;

Whereas the University of Can Tho in Can Tho, Vietnam has potential for and is interested in developing expertise in the agriculture of the Delta including particularly the management of soils and water on such Delta lands;

Whereas the 16 provinces in the Delta of Vietnam cover approximately 3.8 million hectares, land and water constitute their chief physical assets in the overall economic development plan.

The familiar aspects of the Vietnamese Delta are extreme flatness with large tracts of developed paddy lands intercepted by a long established network of navigation and drainage canals;

Long range planning has received attention in the recent years. Two conceptual plans are available: one prepared by the Development and Resources Corporation and the other is outlined in the Indicative Basic Plan. The two plans have much in common particularly the technical feasibility of developing the whole Delta.

Under the Mekong program, a Dutch team is now conducting appraisal work more inclined to the agricultural aspect of the Delta. Also, the International Bank for Reconstruction and Development as executing agency, is now promoting the pioneer projects in the Delta in view of gathering more data on the economic impact of developmental projects in the priority program.

From the GVN side, with USAID/Saigon assistance, a number of pilot stations have been established throughout the Delta to experiment and promote multiple and year-round cropping wherever it is possible, correlated with the introduction of modern agri-inputs such as improved varieties, fertilizers, pesticides, farm mechanization, etc.

The above programs, however, are all more or less inclined to the "applied" aspect of agri-science, pointing toward an immediate increase in farm income.

A void seems to exist in an understanding of the changes that must be made to enable the farmers of the Delta to shift from the traditional cropping pattern to an intensive year-round pattern with water control. In other words, basic studies on the inter-relationship of soil-crop-water need to be carried out to fill the gap between actual applied research and conceptual planning.

Therefore, the parties signatory hereto hereby agree to participate in a study to determine the possibility of producing a variety of field or upland crops on the heavy clay Delta soils of the Mekong Delta during both the dry and wet seasons. The title of the study shall be, "Management of Heavy Clay Delta Soils for Multiple Cropping under Water Control".

I. The Study

A. Objectives

1. To study the physical and chemical characteristics of the soils of the lower Mekong Delta as related to crop diversification and multiple cropping and to study the water requirements of the various crops.
2. To improve the structure and permeability of the heavy clay Delta soils by the application of various cultural practices.
3. To determine the most effective forms of water control including the methods of irrigation.
4. To develop cropping systems suited to the soil conditions of the Delta under controlled water management.

B. General Description

1. The program will involve the use of five (5) hectares of land on which various field crops will be raised by the application of various cultural practices, irrigation methods, soil treatments, and special amendments.
2. Water control for the experimental area will be provided by the construction of a dike around the area and the installation of pumps to provide irrigation water to the experimental plots during the dry season and to remove excess water during the wet season.
3. Inputs to the program, responsibility of which is agreed to herein, will include, but not be limited to, the following:
 - (a) A staff including a project director, an advisor to the project director, a farm management superintendent and various assistants, aides and laborers as required.
 - (b) Office, laboratories, residential space and other buildings including furnishings and equipment.
 - (c) Six (6) fellowships for training at the Masters level in the fields of soils and water management.

- (d) Farm machinery and tools.
- (e) Reference materials.
- (f) An annual operating budget.
- (g) An advisory committee.

4. Although external assistance initially will be required, the responsibility for all phases of the program will gradually shift to the University of Can Tho as additional staff is developed through training programs and as the financial resources of the University are increased to sustain the continued implementation of the program. The University will assume full responsibility by July 1, 1980. Even though it is expected that the advisory committee will meet annually, the responsibility for directing the implementation of the program will rest with the University of Can Tho.

C. Preparation of the Site

1. The University of Can Tho is now in the process of constructing buildings and providing equipment for a new campus on a site which has been provided by the Vietnamese Government. Eight (8) hectares of that site has been assigned to the Faculty of Agriculture of the University for use as an Agricultural Experiment Station. The faculty of agriculture has agreed that five of the eight (8) hectares will be available to use in connection with this study. In order to provide a degree of water control similar to that which will be provided for the entire Delta by the Mekong development program, it will be necessary to construct a dike around the site to protect it from flooding from the river, and also to construct a two-way pumping system in order that water for irrigation can be pumped to the plots from an adjacent stream during the dry season and so that excess water which originates from rainfall on the plots during the wet season can be removed. The dike will be constructed by excavating from the inside. This will provide a collection canal within the dike system which can be used to collect excess rainfall during the wet season as well as to provide a means for collecting the tail water from the irrigation of the plots. Two pumps will be installed to provide

an alternative source of power in the event one should fail or have to be shut down for repair.

2. The plots will be leveled in such a manner that they can be irrigated by impounding the water (paddy system of irrigation) by borders, or by furrows. Also it is anticipated that eventually, it may be desirable to test the effectiveness of application of water by sprinkler. It is also expected that in some cases it will be desirable to measure the water both on to and off the fields. This will provide a basis for determining the farm water requirement for the production of various crops. If the amount of percolation into the ground-water table can be determined, it will also provide a basis for determining water consumption by crops. In order to determine the amounts of water applied, it is proposed to use a system of pipes to deliver the water to the plots which will be equipped with meters to measure the delivery and with weirs which can be used to measure the tail-water from the plots.

3. Although only five (5) of the eight (8) hectares available to the University will be used exclusively for the study of Delta Clay Soils, it is expected that the balance of the area will be used by the University for agronomic research closely related to the study. Therefore, the entire eight (8) hectare area will be diked and prepared for irrigation, and the irrigation and drainage system will be designed to such a capacity as to serve the eight (8) hectares.

D. Staff

The staff will consist of a project director, an advisor to the project director, and such other personnel as necessary to carry out the study.

E. Buildings and Facilities

Adequate housing and office space, including furniture and equipment will be provided the project/and his advisor; also other buildings including equipment and facilities as deemed necessary will be provided.

F. Machinery

Standard machinery needed for all phases of crop production and yield measurement will be provided.

G. Operating Expenses

In connection with the operation of the plots, it is anticipated that through the operational budget it will be necessary to provide for such expenses as seeds, fertilizers, pesticides, gasoline, oil, electricity, other consumable items, and publications.

H. Reference Materials

Funds will be provided for the purchase of necessary reference materials and bibliography on the management of soil and water.

I. Fellowships

Six (6) fellowships for training in the fields of soil and water management at the Masters level will be provided. These will run for a period not in excess of twenty-four (24) months each.

J. Advisory Committee

An Advisory Committee composed of representatives of the participating organizations will be established. That committee will meet annually to review the progress and status of the study and to make suggestions of other possible approaches that might be explored. The committee will be advisory in nature only.

K. Annual Reports

At the end of each dry season starting in 1973 two annual reports, one covering the operational aspects of the project and the other the technical aspects, will be prepared. These reports will be made available to the Advisory Committee prior to each meeting.

II. Contributions of Various Participants

Subject to the availability of funds, the following organizations have indicated a willingness to consider contribution of funds, services or facilities as outlined below:

A. The National Mekong Committee

The National Mekong Committee will name one or more persons who will act on the technical advisory committee. The

committee chairman will be the Director of Rural Irrigation and Engineering of the Ministry of Land Reform, Agriculture, Fishery and Animal Husbandry Development.

B. University of Can Tho

1. The University of Can Tho will provide the project director, staff consultation, five (5) hectares of land to be used for the project site, housing for the project advisor, and major items of farm machinery when necessary. The University of Can Tho, in calendar year of 1976, will begin to assume the responsibility for some of the operating expenses as agreed to by the GVN, RED and USAID/Saigon. This responsibility will increase annually until the entire operational budget is funded by the University by July 1, 1980.

2. The project director will serve as the executive secretary of the advisory committee.

3. The project director will prepare or have prepared the two annual reports.

C. USAID/Saigon

1. The USAID in Saigon will provide the required local currency to finance the development of the site and the construction of necessary facilities including site preparation, pumping system and buildings; the employment of local technicians and other personnel; the purchase of farm machinery and tools of non-US origin; and to cover the annual operating expenses prior to the time the University assumes such operating expenses. See Annex A, Tentative Piaster Budget (attached 12/29/72 to the Memorandum of Understanding.

2. One person for the advisory committee.

D. AID/TAB/Washington, D. C.

1. Through the contract which it has with Colorado State University, TAB will provide one senior advisor for a period of at least eighteen (18) months to arrive in Can Tho during 1973. Also provide other or additional consultative

services from time to time as may be requested and agreed to by the parties hereto.

2. One person for the advisory committee.

E. RED/Bangkok

1. Through a contract with the University of Hawaii, will provide a senior advisor to the project manager for a period of eighteen (18) months.

2. Three (3) fellowships for a period up to twenty-four (24) months each at Colorado State University.

3. Purchase of equipment for the soils and agronomy laboratories, reference materials for the library, the meters and weirs for the irrigation system, and other equipment requiring dollar expenditure as agreed to by the parties hereto.

4. One person for the advisory committee.

5. If the East-West Center of the University of Hawaii is unable to finance three (3) fellowships to that institution, RED will attempt to finance the cost of these fellowships.

F. University of Hawaii

1. The University of Hawaii will use its best efforts with the East-West Center of the University to provide three (3) fellowships for a period of up to twenty-four (24) months each.

2. A representative from the University will be a member of the technical advisory committee. If his travel expenses are not otherwise provided for through an AID financed contract, travel expenses may be financed by RED.

Mekong Committee

The Mekong Committee will provide a representative to participate on the advisory committee.

Colorado State University

The Colorado State University will provide a representative to participate on the advisory committee whose travel expense will be financed from the existing TAB contract.

<u><i>Patil</i></u> Minister of Education (Date) 11/14/72	<u><i>Greg Kelly</i></u> Technical Assis- (Date) tance Bureau, AID	<u><i>John P. Hanks</i></u> Director (Date) of USAID 11/2/73
<u><i>Caorathau Dec. 6</i></u> Minister of Land (Date) Reform, Agriculture, Fishery and Animal Husbandry Development	<u><i>[Signature]</i></u> for Mekong Committe (Date) Bangkok, Thailand	<u><i>[Signature]</i></u> ADFA 9/28/72 (Date)
<u><i>[Signature]</i></u> Vice Minister of (Date) Technical Education	<u><i>[Signature]</i></u> National Mekong (Date) Committee Republic of Vietnam 12/19/72	<u><i>[Signature]</i></u> ADLD (Date) 10/4/72
<u><i>[Signature]</i></u> Director General (Date) of Agriculture 9/12/72		<u><i>[Signature]</i></u> Counselor of Embassy Date for Regional Affairs Bangkok
<u><i>[Signature]</i></u> University of Can Tho (Date) 9/30/72		
<u><i>[Signature]</i></u> Director of DIRE (Date) 11/5/72		

Annex A

TENTATIVE PIASTER BUDGET FOR THE CAN THO UNIVERSITY
HEAVY CLAY SOILS STUDY 1/

1. Site Preparation

1. Land leveling and construction of dikes	VN\$14,000,000
2. Installation of pumps and tanks	6,000,000
3. Perimeter fence	<u>3,500,000</u>
	VN\$23,500,000

2. Facilities Construction

1. Laboratory facility 7.5m x 36m	VN\$ 4,000,000
2. Administration " 9.5m x 30m	4,000,000
3. Guard building 2.5m x 3m	500,000
4. Garage & machinery shed 12.2m x 30m	5,500,000
5. Seed processing and storage shed 12.2m x 30m	5,500,000
6. Two (2) duplex houses 13.2m x 18m	<u>8,000,000</u>
	VN\$27,500,000

3. <u>Total Staff Support</u>	<u>Per Year</u> ^{2/}	<u>Number</u>	<u>Total</u>
1. Research staff	200,000	4	VN\$ 800,000
2. Research Asst.	143,000	4	572,000
3. Driver or mechanic	130,000	1	130,000
4. Laborers	80,000	10	800,000
5. Guards	130,000	2	260,000
6. Secretary	165,000	<u>1</u>	<u>165,000</u>

Rounded VN\$ 2,727,000
Rounded VN\$ 2,800,000

1/ Estimates made in August of 1972

2/ When fully operational.

4. Annual Operating Expenses when fully operational

1. Fuel and oil	VN\$250,000
2. Seeds	25,000
3. Fertilizers	80,000
4. Pesticides	20,000
5. Transportation	100,000
6. Maintenance and repairs	125,000
7. Publications and miscellaneous	<u>250,000</u>
	VN\$850,000

PROPOSED AAC FUNDING OF
TENTATIVE PLASTER BUDGET BY YEAR

Year	Construction	Staff Support	Operating Expenses	Total
First year	24,000,000	130,000		24,130,000
Second year	15,000,000	2,000,000	400,000	17,400,000
Third year	8,000,000	2,800,000	850,000	11,650,000
Fourth year	-0-	2,800,000	400,000	3,200,000
Fifth year	-0-	2,000,000	-0-	2,000,000
Sixth year	-0-	-0-	-0-	<u>-0-</u>
TOTAL				58,380,000

PROJECT DOCUMENT CLEARANCE SHEET

Project Title : Irrigation Development

Project Number : 730-11-120-407

Agreement Number :

Original _____ Revision 1

Explanation and/or Comments

This ProAg revision commits VN\$23,000,000 of CY 73 AAC, providing funding for the site preparation and construction of irrigation research facilities at the University of Can Tho.

These facilities are in support of studies on multiple cropping of the heavy clay soils of the Delta under controlled water.

The revised budget as shown in the ProAg revision replaces the tentative budget shown in Appendix A of the revision.

If you concur in the attached document, please sign and date below :

ADPROG :

J. Franck 3/2/73 *XW* 4/2/73 *D. ...* 4/3 _____
APO AD/PROG/P (Loc Cur) AD/PROG/PO ADPROG

ADFM :

AK 4/5/73 _____ *...* 4/5/73 _____
USDAB LCB ADFM

TECHNICAL OFFICE :

... 4/6/73 *A. D. Repley* 4/6/73 *James B. Davis* _____
Project Manager Division Chief or Asst. Dir. Associate Director

OTHER

RMC ADFM/SA _____ _____
() () ()