

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
THE CABINET SECRETARIAT
AN AGENCY OF THE GOVERNMENT OF THE REPUBLIC OF INDONESIA

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
- ECONOMIC COOPERATION AGREEMENT DATE **Oct. 16, 1950**
- (other) DATE

1. PROJECT/ACTIVITY NO.
197-11-999-000

PAGE 1 OF 2 PAGES

2. AGREEMENT NO.
70-5 Obl.00127

3. ORIGINAL OR REVISION NO.

4. PROJECT/ACTIVITY TITLE
**TECHNICAL SUPPORT
(Feasibility Studies & Surveys)**

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

6. AID APPROPRIATION SYMBOL
72-1101064

7. AID ALLOTMENT SYMBOL
054-50-497-00-69-01

| 6. AID FINANCING | PREVIOUS TOTAL (A) | INCREASE (B) | DECREASE (C) | TOTAL TO DATE (D) |
|---|--------------------|--------------|--------------|-------------------|
| <input checked="" type="checkbox"/> DOLLARS <input type="checkbox"/> LOCAL CURRENCY | | | | |

| | | | | |
|-----------|--|--------------|--|--------------|
| (a) Total | | \$370,300.00 | | \$370,300.00 |
|-----------|--|--------------|--|--------------|

| | | | | |
|-----------------------|--|--------------|--|--------------|
| (b) Contract Services | | \$370,300.00 | | \$370,300.00 |
|-----------------------|--|--------------|--|--------------|

| | | | | |
|-----------------|--|--|--|--|
| (c) Commodities | | | | |
|-----------------|--|--|--|--|

| | | | | |
|-----------------|--|--|--|--|
| (d) Other Costs | | | | |
|-----------------|--|--|--|--|

| 9. COOPERATING AGENCY FINANCING - DOLLAR EQUIVALENT | PREVIOUS TOTAL (A) | INCREASE (B) | DECREASE (C) | TOTAL TO DATE (D) |
|---|--------------------|--------------|--------------|-------------------|
| \$1.00= | | | | |

| | | | | |
|-----------|--|--|--|--|
| (a) Total | | | | |
|-----------|--|--|--|--|

| | | | | |
|----------------------------------|--|--|--|--|
| (b) Technical and other Services | | | | |
|----------------------------------|--|--|--|--|

| | | | | |
|-----------------|--|--|--|--|
| (c) Commodities | | | | |
|-----------------|--|--|--|--|

| | | | | |
|-----------------|--|--|--|--|
| (d) Other Costs | | | | |
|-----------------|--|--|--|--|

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

This Project Agreement is being issued in order to obligate FY-1970 US dollar funds for feasibility studies described on page 3.

Sub-obligating PIO/T's will be completed as soon after the signing of this agreement as is possible but in no event shall this period exceed

(Continued to Page 2)

| 11. DATE OF ORIGINAL AGREEMENT | 12. DATE OF THIS REVISION | 13. ESTIMATED FINAL CONTRIBUTION DATE |
|--------------------------------|---------------------------|---------------------------------------|
| December 5, 1969 | Dec. 5, 1969 | December 5, 1971 |

14. FOR THE COOPERATING GOVERNMENT OF AGENCY
Soedharmo, S.K.
Brig. Gen. of the T.N.I.

15. FOR THE AGENCY FOR INTERNATIONAL DEVELOPMENT
Victor Morgan

SIGNATURE: [Signature] DATE: 12/1/69
TITLE: Chairman, Coordinating Committee of Foreign Tech. Cooperation

SIGNATURE: [Signature] DATE: 5-XII-69
TITLE: Acting Director, USAID/Indonesia

USAID Clearances?

AGR: [Signature]

ENCR: [Signature]

PRO: [Signature]

CONTR: [Signature]

A/DD: [Signature]

JWMcCarthy/
MZak:ph
12/1/69

PROJECT AGREEMENT
BETWEEN AID AND

THE CABINET SECRETARIAT

AN AGENCY OF THE GOVERNMENT OF
THE REPUBLIC OF INDONESIA

1. Project/Activity No.
497-11-999-000

2. Agreement No.
70 - 5 0b1.00127

3. Project/Activity Title
TECHNICAL SUPPORT
(Feasibility Studies & Surveys)

3. Original or
Revision No. _____

Block 10 - Special Provisions (Continued)

three months from the date of the original agreement in the case of the studies included in the original issuance, or the date of revision to this agreement in the case of studies which may be added later.

For the Cooperating Government or Agency

For the Agency for International Development

SIGNATURE: _____ DATE: _____

SIGNATURE: _____ DATE: _____

TITLE: _____

TITLE: _____

2

PROJECT AGREEMENT
BETWEEN AID AND

THE CABINET SECRETARIAT

AN AGENCY OF THE GOVERNMENT OF
THE REPUBLIC OF INDONESIA

1. Project/Activity No.

497-11-999-000

PAGE 3 OF 3 PAGES

2. Agreement No.

70 - 5 Obl.00127

3. Original or
Revision No. 1

3. Project/Activity Title

TECHNICAL SUPPORT
(Feasibility Studies & Surveys)

STUDIES and SURVEYS

Amount
\$100,000

Description

A study of rice storage, handling, and marketing. This study will prepare a plan for the rational development of institutions and physical facilities required to assure efficient storing, handling, marketing, and distribution of rice over the next decade. The study will be carried out by various technicians in Indonesia over a 10 month period.

\$ 15,000

This supplements funding for the feasibility study of the Medan electrical power general and transmission system under ProAg No 69-4 and PIO/T 497-000-3-90377 (\$100,000). AID/W has been authorized to issue PIO/T No. 497-000-3-00120 as the sub-obligating PIO/T in this amount.

\$ 5,300

This will cover a one month's TDY for one USGS technician (Dr. M. R. Klepper) to initiate the Geological Survey Assistance Project in Bandung. This amount is reflected as an administrative reservation in PIO/T No. 497-000-2-00084, issued by AID/W October 10, 1969, and provides for services pursuant to PASA No. Ea (IC) 7-70.

\$250,000

This amount is required to obligate funds for a contract to undertake a Load and Energy Forecast and Long-Range Planning Study for Central Java, in accordance with a GOI request for such a study.

For the Cooperating Government or Agency

For the Agency for International Development

SIGNATURE: _____ DATE: _____

SIGNATURE: _____ DATE: _____

TITLE: _____

TITLE: _____

**PROAG
STANDARD
PROVISIONS
ANNEX**

**PROJECT AGREEMENT
BETWEEN AID AND
THE CABINET SECRETARIAT
AN AGENCY OF THE GOVERNMENT OF
THE REPUBLIC OF INDONESIA**

1. Project/Activity No.

497-11-999-000

2. Agreement No.

70 - 5

3.

☒ Original or Revision No _____

A. As used herein, the term "AID" refers to the Agency for International Development, any component agency, or any successor agency. References to "this Project Agreement" shall mean the original Project Agreement as modified by any revisions which have entered into effect.

B. (1) AID will make available the amounts specified in Block 8 of this Project Agreement, as necessary for the project, for use for the designated purposes and as may be further described in Annex A, as required by Block 5 hereof. In addition, as may be further specified in Annex A, AID will, subject to the availability of funds and (where required by AID procedures) as provided for in Project Implementation Orders (PIOs) issued by AID in accordance with its procedures, make available funds (a) to pay costs of furnishing technical services to be performed by United States Government employees in connection with the project, (b) to pay a share of the costs of providing training outside the cooperating country in connection with the project for qualified persons from the cooperating country, and (c) to pay such additional costs as may be specified.

(2) The Cooperating Government Agency will make available the amounts specified in Block 9 of this Project Agreement, as necessary for the project, for use for the designated purposes and as may further be described in Annex A. The Cooperating Government Agency will also make, or arrange to have made, additional contributions of property, services, facilities and funds required for carrying out the project as may be specified in Annex A, or as may subsequently be agreed upon by the two parties.

C. AID and the Cooperating Agency may obtain the assistance of other public and private agencies in carrying out their respective obligations under this Project Agreement. The two parties may agree to accept contributions of property, services, facilities and funds for purposes of this Project Agreement from other public and private agencies, and may agree upon the participation of any such third party in carrying out activities under this Project Agreement.

D. AID shall not be required to make any contribution after the expiration of six months following the estimated final contribution date (Block 13 of the Project Agreement form AID 1330-1) or any amended final contribution date specified herein. Except as otherwise specified herein or subsequently agreed

by the parties, all contributions of the Cooperating Agency pursuant to this Project Agreement shall be made on or before said estimated termination date, or amended date. A contribution of goods or services shall be considered to have been made when the goods or services, provided or financed by the contributing party, are delivered in accordance with commercial practice.

E. The procurement of commodities and contract services to be financed in whole or in part by AID may (where so required by AID procedures) be undertaken only pursuant to PIOs issued by AID in accordance with its procedures.

F. Unless otherwise specified in the applicable PIO, the procurement of commodities financed with the AID contribution referred to in Block 8 of this Project Agreement shall be subject to the provisions of AID Regulation 1.

G. Unless otherwise specified in the applicable PIO, title to all property procured through financing by AID pursuant to Block 8(c) of this Project Agreement shall be in the Cooperating Agency, or such public or private agency as it may authorize. This provision is inapplicable to any property which may be used in connection with the project but is not financed pursuant to said Block 8(c).

H. Any property furnished to either party through financing by the other party pursuant to this Project Agreement shall, unless otherwise agreed by the party which financed the procurement, be devoted to the project until completion of the project, and thereafter shall be used so as to further the objectives sought in carrying out the project. Either party shall offer to return to the other, or to reimburse the other for, any property which it obtains through financing by the other party pursuant to this Project Agreement which is not used in accordance with the preceding sentence.

I. (1) If AID and any public or private organization furnishing commodities through AID financing for operations hereunder in the cooperating country, is, under the laws, regulations or administrative procedures of the cooperating country, liable for customs duties and import taxes on commodities imported into the cooperating country for purposes of carrying out this Project Agreement, the Cooperating Agency will pay such duties and taxes unless exemption is otherwise provided by any applicable international agreement.

(2) If any personnel (other than citizens and residents of the cooperating country), whether United

States Government employees, or employees of public or private organizations under contract with, or individuals under contract with, AID, the Cooperating Agency or any agency authorized by the Cooperating Agency, who are present in the cooperating country to provide services which AID has agreed to furnish or finance under this Project Agreement, are, under the laws, regulations or administrative procedures of the cooperating country, liable for income and social security taxes with respect to income upon which they are obligated to pay income or social security taxes to the Government of the United States of America, for property taxes on personal property intended for their own use, or for the payment of any tariff or duty upon personal or household goods brought into the cooperating country for the personal use of themselves and members of their families (not including such personal or household goods as may be sold by any such personnel in the cooperating country), the Cooperating Agency will pay such taxes, tariff, or duty unless exemption is otherwise provided by any applicable international agreement.

J. Any personnel (other than citizens and residents of the cooperating country), whether United States Government employees, or employees of public or private organizations under contract with, or individuals under contract with, AID, the Cooperating Agency or any agency authorized by the Cooperating Agency, who are present in the cooperating country to provide services which AID has agreed to furnish or finance under this Project Agreement shall be subject to the approval of the Cooperating Agency and AID, and shall be under the general direction of the Director of the Mission to the cooperating country.

K. If any commodity is furnished to the Cooperating Agency, or any public or private agency authorized by the Cooperating Agency, on a grant basis through financing by AID pursuant to this Project Agreement under arrangements which will result in the accrual of proceeds to the Cooperating Agency or any authorized agency and if the applicable agreement between the two governments referred to on the first page of this Project Agreement does not provide for the establishment of a Special Account and the deposit therein of currency of the cooperating country, the Cooperating Agency will make such arrangements as may be necessary to establish a Special Account and to deposit therein currency of the cooperating country in amounts equal to such proceeds, in accordance with such terms and conditions as may be agreed upon. Funds in the Special Account may be used only as agreed upon by AID and the Cooperating Agency; provided, that such portion of the funds in the Special Account as may be designated by AID shall be made available to AID to meet the requirements of the United States.

L. The Cooperating Agency will make such arrangements as may be necessary so that funds intro-

duced into the cooperating country by AID or any public or private agency for purposes of carrying out obligations of AID hereunder shall be convertible into currency of the cooperating country at the highest rate which, at the time the conversion is made, is not unlawful in the cooperating country.

M. AID shall expend funds and carry on operations pursuant to this Project Agreement only in accordance with the applicable laws and regulations of the United States Government.

N. The two parties shall have the right at any time to observe operations carried out under this Project Agreement. Either party during the term of the Project and three years after the completion of the project, shall further have the right (1) to examine any property procured through financing by that party under this Project Agreement, wherever such property is located, and (2) to inspect and audit any records and accounts with respect to funds provided by, or any properties and contract services procured through financing by, that party under this Project Agreement, wherever such records may be located and maintained. Each party, in arranging for any disposition of any property procured through financing by the other party under this Project Agreement, shall assure that the rights of examination, inspection and audit described in the preceding sentence are reserved to the party which did the financing.

O. Upon completion of the project, a Completion Report shall be drawn up, signed by appropriate representatives of AID and the Cooperating Agency, and submitted to AID and the Cooperating Agency. The Completion Report shall include a summary of the actual contributions by both AID and the Cooperating Agency to the project, and shall provide a record of the activities carried out, the objectives achieved, and related basic data. AID and the Cooperating Agency shall each furnish the other with such information as may be needed to determine the nature and scope of operations under this Agreement and to evaluate the effectiveness of such operations.

P. The present Agreement shall enter into force when signed. Either party may terminate this Project Agreement by giving the other party 30 days written notice of intention to terminate it. Termination of the Project Agreement shall terminate any obligations of the two parties to make contributions pursuant to Blocks 8 and 9 of this Project Agreement, except for payments which they are committed to make pursuant to non-cancellable commitments entered into with third parties prior to the termination of the Project Agreement. It is expressly understood that the obligations under paragraph H relating to the use of property shall remain in force after such termination.

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 BETWEEN THE DEPARTMENT OF STATE AGENCY FOR INTERNATIONAL DEVELOPMENT (AID),
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 THE CABINET SECRETARIAT
 AN AGENCY OF THE GOVERNMENT OF THE REPUBLIC OF INDONESIA

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: _____
 ECONOMIC COOPERATION AGREEMENT Bilateral DATE: Oct. 16, 1950
 (other) DATE: _____

1. PROJECT/ACTIVITY NO. 497-11-999-000 PAGE 1 OF 1 PAGES

2. AGREEMENT NO. 70-5 Obl. 00127 3. ORIGINAL OR REVISION No. 1

4. PROJECT/ACTIVITY TITLE
 TECHNICAL SUPPORT
 (Feasibility Studies & Surveys)

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

6. AID APPROPRIATION SYMBOL 72-1101004 7. AID ALLOTMENT SYMBOL 054-50-497-00-69-01

| 8. AID FINANCING <input checked="" type="checkbox"/> DOLLARS <input type="checkbox"/> LOCAL CURRENCY | PREVIOUS TOTAL (A) | INCREASE (B) | DECREASE (C) | TOTAL TO DATE (D) |
|---|--------------------|--------------|--------------|-------------------|
| | | | | |
| (a) Total | \$370,300.00 | \$70,000.00 | | \$440,300.00 |
| (b) Contract Services | \$370,300.00 | \$70,000.00 | | \$440,300.00 |
| (c) Commodities | | | | |
| (d) Other Costs | | | | |
| 9. COOPERATING AGENCY FINANCING - DOLLAR EQUIVALENT | | | | |
| \$1.00= | | | | |
| (a) Total | | | | |
| (b) Technical and other Services | | | | |
| (c) Commodities | | | | |
| (d) Other Costs | | | | |

10. SPECIAL PROVISIONS (See Additional Conditions, Article II, Paragraph 1)
 This Revision obligates funds for the RIAU bin dredge rehabilitation study. The 1st phase \$20,000, is reflected in an administrative reservation in PIO/T 497-000-3-00003, issued by AID/W on 8/7/69. This PIO/T will be increased by \$50,000 to cover design, planning, monitoring, and assembling of the dredge. A description of studies funded under this Agreement to date is provided in the original ProAg.

11. DATE OF ORIGINAL AGREEMENT: December 5, 1968 12. DATE OF THIS REVISION: Jan 27, 1970 13. ESTIMATED FINAL CONTRIBUTION DATE: December 5, 1971

14. FOR THE COOPERATING GOVERNMENT OF AGENCY
 Soedharmono, S.H., Brig. Gen. of the T.N.I.
 SIGNATURE: _____ DATE: 1/26/70
 TITLE: Chairman, Coordinating Committee of Foreign Tech. Cooperation.

15. FOR THE AGENCY FOR INTERNATIONAL DEVELOPMENT
 John R. Messler
 SIGNATURE: _____ DATE: 1/27/70
 TITLE: Director, USAID/Indonesia

USAIID
 Clearances
 ENGR: [Signature]
 PRO: [Signature]
 CONF: [Signature]
 DD: [Signature]

Drafted by: MZak:mb
 1/2/70-PRO

**PROAG
STANDARD
PROVISIONS
ANNEX**

**PROJECT AGREEMENT
BETWEEN AID AND
THE CABINET SECRETARIAT
AN AGENCY OF THE GOVERNMENT OF
THE REPUBLIC OF INDONESIA**

1. Project/Activity No.

~~197-11-999-000~~

2. Agreement No.

70 - 5

3.

 Original or Revision No. 1

A. As used herein, the term "AID" refers to the Agency for International Development, any component agency, or any successor agency. References to "this Project Agreement" shall mean the original Project Agreement as modified by any revisions which have entered into effect.

B. (1) AID will make available the amounts specified in Block 8 of this Project Agreement, as necessary for the project, for use for the designated purposes and as may be further described in Annex A, as required by Block 5 hereof. In addition, as may be further specified in Annex A, AID will, subject to the availability of funds and (where required by AID procedures) as provided for in Project Implementation Orders (PIOs) issued by AID in accordance with its procedures, make available funds (a) to pay costs of furnishing technical services to be performed by United States Government employees in connection with the project, (b) to pay a share of the costs of providing training outside the cooperating country in connection with the project for qualified persons from the cooperating country, and (c) to pay such additional costs as may be specified.

(2) The Cooperating Government Agency will make available the amounts specified in Block 9 of this Project Agreement, as necessary for the project, for use for the designated purposes and as may further be described in Annex A. The Cooperating Government Agency will also make, or arrange to have made, additional contributions of property, services, facilities and funds required for carrying out the project as may be specified in Annex A, or as may subsequently be agreed upon by the two parties.

C. AID and the Cooperating Agency may obtain the assistance of other public and private agencies in carrying out their respective obligations under this Project Agreement. The two parties may agree to accept contributions of property, services, facilities and funds for purposes of this Project Agreement from other public and private agencies, and may agree upon the participation of any such third party in carrying out activities under this Project Agreement.

D. AID shall not be required to make any contribution after the expiration of six months following the estimated final contribution date (Block 13 of the Project Agreement form AID 1330-1) or any amended final contribution date specified herein. Except as otherwise specified herein or subsequently agreed

by the parties, all contributions of the Cooperating Agency pursuant to this Project Agreement shall be made on or before said estimated termination date, or amended date. A contribution of goods or services shall be considered to have been made when the goods or services, provided or financed by the contributing party, are delivered in accordance with commercial practice.

E. The procurement of commodities and contract services to be financed in whole or in part by AID may (where so required by AID procedures) be undertaken only pursuant to PICs issued by AID in accordance with its procedures.

F. Unless otherwise specified in the applicable PIO, the procurement of commodities financed with the AID contribution referred to in Block 8 of this Project Agreement shall be subject to the provisions of AID Regulation 1.

G. Unless otherwise specified in the applicable PIO, title to all property procured through financing by AID pursuant to Block 8(c) of this Project Agreement shall be in the Cooperating Agency, or such public or private agency as it may authorize. This provision is inapplicable to any property which may be used in connection with the project but is not financed pursuant to said Block 8(c).

H. Any property furnished to either party through financing by the other party pursuant to this Project Agreement shall, unless otherwise agreed by the party which financed the procurement, be devoted to the project until completion of the project, and thereafter shall be used so as to further the objectives sought in carrying out the project. Either party shall offer to return to the other, or to reimburse the other for, any property which it obtains through financing by the other party pursuant to this Project Agreement which is not used in accordance with the preceding sentence.

I. (1) If AID and any public or private organization furnishing commodities through AID financing for operations hereunder in the cooperating country, is, under the laws, regulations or administrative procedures of the cooperating country, liable for customs duties and import taxes on commodities imported into the cooperating country for purposes of carrying out this Project Agreement, the Cooperating Agency will pay such duties and taxes unless exemption is otherwise provided by any applicable international agreement.

(2) If any personnel (other than citizens and residents of the cooperating country), whether United

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

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- 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

ECONOMIC COOPERATION AGREEMENT Bilateral DATE
 Oct. 16, 1950

(other) DATE

1. PROJECT/ACTIVITY NO. PAGE 1 OF 4 PAGES
 497-11-999-000

2. AGREEMENT NO. Obl. 00127 3. ORIGINAL OR REVISION NO. 3

4. PROJECT/ACTIVITY TITLE
 TECHNICAL SUPPORT
 (Feasibility Studies & Surveys)

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

6. AID APPROPRIATION SYMBOL 7. AID ALLOTMENT SYMBOL
 72-11.01001 054-50-497-00-69-01

REF:

Ltr. No. 1166
 Set. Kab/LN/
 9/1969, Dtd.
 24 Sept. '69

USAID/I Ltr.
 No. 11/2150
 Dtd. 13 Oct.
 1969.

STATE 29596

USAID
 Clearances:

ENCR: *[Signature]*

PRO: *[Signature]*

AGR: *[Signature]*

FFP: *[Signature]*

CONTR: *[Signature]*

| 8. AID FINANCING | PREVIOUS TOTAL (A) | INCREASE (B) | DECREASE (C) | TOTAL TO DATE (D) |
|---|--------------------|--------------|--------------|-------------------|
| <input checked="" type="checkbox"/> DOLLARS <input type="checkbox"/> LOCAL CURRENCY | | | | |
| (a) Total | \$445,300.00 | \$28,000.00 | | \$473,300.00 |
| (b) Contract Services (PASA) | \$445,300.00 | \$25,000.00 | | \$470,300.00 |
| (c) Commodities | | | | |
| (d) Other Costs (Air Charter) | | \$ 3,000.00 | | \$ 3,000.00 |
| 9. COOPERATING AGENCY FINANCING - DOLLAR EQUIVALENT | | | | |
| \$1.00 = | | | | |
| (a) Total | | | | |
| (b) Technical and other Services | | | | |
| (c) Commodities | | | | |
| (d) Other Costs | | | | |

10. SPECIAL PROVISIONS (See Additional Confidentiality Sheets, if Necessary)
 This Revision No. 3 provides PASA funding (\$25,000) for a reconnaissance survey of the Teluk Lada, Tjitanduj, and Solo River projects which have been proposed by the Director General for Water Resources for USAID study. Further it provides funds in the amount of \$3,000 to defray the cost of aerial reconnaissance of the foregoing areas.

BEKent: mh
 March 10, 70

11. DATE OF ORIGINAL AGREEMENT 12. DATE OF THIS REVISION 13. ESTIMATED FINAL CONTRIBUTION DATE
 December 5, 1969 April 2, 1970 December 5, 1971

14. FOR THE COOPERATING GOVERNMENT OR AGENCY 15. FOR THE AGENCY FOR INTERNATIONAL DEVELOPMENT
[Signature] Soedharmono, S.H. *[Signature]* John R. Mossler
 Brig. Gen., T.N.I. Director, USAID/Indonesia
 SIGNATURE: DATE: 4/1/70 SIGNATURE: DATE: 4/2/70
 TITLE: Chairman, Coordinating Committee of Foreign Tech. Cooperation TITLE: Director, USAID/Indonesia

PROJECT AGREEMENT
BETWEEN AID AND

1. Project/Activity No.

497-11-999-000

PAGE 2 OF 4 PAGES

PROAG
CONTINUATION
SHEET

THE CABINET SECRETARIAT

2. Agreement No.

70 - 5

Obl. 00127

3. Original or
Revision No. 3

ANNEX A

AN AGENCY OF THE GOVERNMENT OF
THE REPUBLIC OF INDONESIA

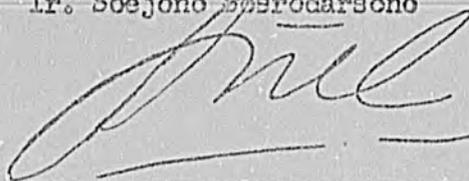
3. Project/Activity Title

TECHNICAL SUPPORT

(Feasibility Studies & Surveys)

GOI signatory party to this Agreement:

Mr. Soejono Surodarsono



Director General for Water Resources,

Date: 3/9/70

SUB-PROJECT DESCRIPTION AND COMMITMENTS

1. Background

a. By letter No. 1166/Set.Kab/LN/9/1/1969 dated 24 September 1969, the Government of the Republic of Indonesia has requested the United States Government Agency for International Development to provide technical assistance for:

- (1) "Feasibility study for the Tjitanduj and Teluk Lada Projects; and
- (2) "Study for River Training and Interim Flood Control Measures in the Lower and Middle Reaches of the Sala (Solo) River - - -."

b. With reference to the foregoing, U.S.A.I.D. Letter No. II/2150 dated October 13, 1969 stated that:

"The Tjitanduj, Teluk Lada and Solo River Studies will be preceded by a reconnaissance survey of the sites. It is hoped that this reconnaissance will serve to establish a frame of reference for formal feasibility and/or planning studies to follow. . . ."

For the Cooperating Government or Agency

For the Agency for International Development

SIGNATURE: _____ DATE: _____

SIGNATURE: _____ DATE: _____

TITLE: _____

TITLE: _____

9

PROJECT AGREEMENT
BETWEEN AID AND

THE CABINET SECRETARIAT

AN AGENCY OF THE GOVERNMENT OF
THE REPUBLIC OF INDONESIA

1. Project/Activity No.

497-11-999-000

PAGE 3 OF 4 PAGES

2. Agreement No.

70 - 5

Obl. 00127

3. Original or
Revision No. 3

3. Project/Activity Title

TECHNICAL SUPPORT

(Feasibility Studies & Surveys)

PROAG
CONTINUATION
SHEET
ANNEX A

c. The overall Tjitanduj, Teluk Lada and Solo River projects relate to the BAPPNEAS "List of Project Proposals, 1970 - 1971" as follows:

- (1) Item B-9-(2) : Tjitanduj
- (2) Item B-3 : Teluk Lada
- (3) Item B-9-(1) : Solo River

d. This Revision No. 3 to ProAg No. 70 - 5 provides for a reconnaissance survey of the three areas for which U.S.A.I.D. technical assistance has been requested. A description of project areas and a statement of the scope of work to be undertaken in this initial (reconnaissance) phase are given in the PIO/T which accompanies this ProAg Revision.

2. Specific Commitments of the Parties thereto:

a. The Government of the United States of America, through its Agency for International Development, agrees:

(1) To provide funds on a grant basis, in an amount not to exceed the total shown in Block 8 on Page 1 of this Revision No. 3 (or in subsequent revisions pertaining hereto) for the purpose of conducting a reconnaissance survey of the Tjitanduj, Teluk Lada, and Solo River areas as set forth in the accompanying PIO/T;

(2) To enter into a Participating Agency Service Agreement (PASA) with the United States Bureau of Reclamation (BuRec) to provide qualified personnel for the accomplishment of the desired reconnaissance OR, if qualified personnel are not available from the United States Bureau of Reclamation on a timely basis, to seek alternate sources for the provision of the desired services:

(3) To provide, in the furtherance of this Agreement, such part-time services and support from its staffs in Indonesia and in the United States, as are required for the implementation, administration and monitoring of this sub-project; and

(4) To provide such aerial charter flights as are essential to supplement ground reconnaissance.

For the Cooperating Government or Agency

For the Agency for International Development

SIGNATURE: _____ DATE: _____

SIGNATURE: _____ DATE: _____

TITLE: _____

TITLE: _____

PROJECT AGREEMENT
BETWEEN AID AND

Project/Activity No.
497-11-999-000

PAGE 1 OF 1 PAGES

PROAG
CONTINUATION
SHEET

THE CABINET SECRETARIAT

2. Agreement No.
70 - 5

Obj. 00127

3. Original or
Revision No. 3

ANNEX A

AN AGENCY OF THE GOVERNMENT OF
THE REPUBLIC OF INDONESIA

3. Project/Activity Title
TECHNICAL SUPPORT
(Feasibility Studies & Surveys)

b. The Government of the Republic of Indonesia, through its Directorate General for Water Resources, its Department of Public Works and Electric Power, and such other agencies as may be directly affected, agrees:

(1) To provide administrative and logistical support for the 3-man BuRec reconnaissance team for the duration of the work to be accomplished in Indonesia, presently estimated to be approximately two calendar months, with the understanding that such support shall include:

(a) Office space, office equipment, interpreter services, clerical services and secretarial services, all within the general offices of the Directorate General for Water Resources or located conveniently nearby;

(b) Access to and usage of maps and reference materials pertinent to the three areas to be covered by the proposed reconnaissance survey;

(2) To provide transportation within Indonesia as required for efficient and timely conduct of the proposed reconnaissance survey and for the requisite liaison services pertaining thereto; this with the understanding that, in addition to vehicles regularly assigned to the member of the Counterpart Team, such provision shall include at least one suitable vehicle (with driver) for the "official" use of the 3-man BuRec Team;

(3) To provide and support a counterpart technical staff to work directly with the reconnaissance team in the conduct of the survey, in the accumulation of basic data, and in the evaluation of findings; and

(4) To designate the foregoing counterpart staff by name, together with the designation of a principal liaison officer within the Directorate General for Water Resources who will be given primary responsibility and authority for coordinating and implementing joint actions under this sub-project.

For the Cooperating Government or Agency

For the Agency for International Development

SIGNATURE: _____ DATE: _____
TITLE: _____

SIGNATURE: _____ DATE: _____
TITLE: _____

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
THE CABINET SECRETARIAT
AN AGENCY OF THE GOVERNMENT OF THE REPUBLIC OF INDONESIA

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

ECONOMIC COOPERATION AGREEMENT Bilateral DATE
 Oct. 16, 1950

(other) DATE

1. PROJECT/ACTIVITY NO. PAGE 1 OF 1 PAGES
 497-11-999-000

2. AGREEMENT NO. 3. ORIGINAL OR REVISION NO. 5
 70-5 Cbl. 00127

4. PROJECT/ACTIVITY TITLE
 TECHNICAL SUPPORT
 (Feasibility Studies & Surveys)

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

6. AID APPROPRIATION SYMBOL 7. AID ALLOTMENT SYMBOL
 72-1101004 054-50-497-00-69-01

REF :

State
 53164
 DIA/AFSA
 2618

8. AID FINANCING PREVIOUS TOTAL INCREASE DECREASE TOTAL TO DATE
 DOLLARS LOCAL CURRENCY (A) (B) (C) (D)

(a) Total \$486,300.00 \$6,100.00 \$492,400.00

(b) Contract Services & PASA \$470,300.00 \$6,100.00 \$476,400.00

(c) Commodities

(d) Other Costs & Charter Air \$ 16,000.00 \$ 16,000.00

USAID
 Clearance:

9. COOPERATING AGENCY FINANCING - DOLLAR EQUIVALENT
 \$1.00 ==

ENGR:

(e) Total

PRO:

(f) Technical and other Services

Em
 CONTR:

(g) Commodities

(h) Other Costs

10. SPECIAL PROVISIONS (Use Additional Continuation Sheets, If Necessary)
 This Revision No. 5 provides extra funding (\$6,100.00) for consummating a commodity related services contract with Consolidated Purchasing & Designing Inc. (Mr. L. F. Barber, Pres.) for preparing detailed specifications and all necessary design work required for the procurement of a definitive list of items needed for the rehabilitation of the American-built tin dredge "RIAU". (See Revision No. 1 dated January 27, 1970).

DDFowler:mh
 April 15, '70

11. DATE OF ORIGINAL AGREEMENT 12. DATE OF THIS REVISION 13. ESTIMATED FINAL CONTRIBUTION DATE
 December 5, 1969 April 27, 1970 December 5, 1971

14. FOR THE COOPERATING GOVERNMENT OR AGENCY 15. FOR THE AGENCY FOR INTERNATIONAL DEVELOPMENT
 Soedharmono, S.O.H. John R. Mossler
 Brig. Gen., T.N.I. *Donnell Block*

SIGNATURE DATE SIGNATURE DATE
 Chairman, Coordinating Committee 4/24/70 Director, USAID/Indonesia 4/27/70

of Foreign Tech. Cooperation

20-136

004

IV

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
THE CABINET SECRETARIAT

AN AGENCY OF THE GOVERNMENT OF THE REPUBLIC OF INDONESIA

Date 5/28/70
 Ir. R. Ahmad Moeh, Hoesni
 Director General for Power and Electricity
 Date 5/19/70
 Dr. Joharnas
 Director, Geol. Survey of Indonesia

USAID
 Clearances:
 ENGR: [Signature]
 PRO: [Signature]
 CONTR: [Signature]

BEK: mh
 5/19/70

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 _____
 ECONOMIC COOPERATION AGREEMENT Bilateral DATE Oct. 16, 1950
 (other) DATE _____

1. PROJECT/ACTIVITY NO. 497-11-999-000 PAGE 1 OF 1 PAGES

2. AGREEMENT NO. 70-5 ObL. 00127 3. ORIGINAL OR REVISION NO. 6

4. PROJECT/ACTIVITY TITLE
**TECHNICAL SUPPORT
 (Feasibility Studies & Surveys)**

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

6. AID APPROPRIATION SYMBOL 72-11.01.004 7. AID ALLOTMENT SYMBOL 051-50-497-00-69-01

| 8. AID FINANCING | PREVIOUS TOTAL (A) | INCREASE (B) | DECREASE (C) | TOTAL TO DATE (D) |
|---|--------------------|--------------|--------------|-------------------|
| <input checked="" type="checkbox"/> DOLLARS <input type="checkbox"/> LOCAL CURRENCY | | | | |
| (a) Total | \$492,400.00 | \$70,000.00 | | \$562,400.00 |
| (b) Contract Services & PASA | \$476,400.00 | \$70,000.00 | | \$546,400.00 |
| (c) Commodities | | | | |
| (d) Other Costs & Air Charter | \$ 16,000.00 | | | \$ 16,000.00 |
| 9. COOPERATING AGENCY FINANCING - DOLLAR EQUIVALENT | | | | |
| \$1.00 = | | | | |
| (a) Total | | | | |
| (b) Technical and other Services | | | | |
| (c) Commodities | | | | |
| (d) Other Costs | | | | |

10. SPECIAL PROVISIONS (Use Additional Conditions Sheet, if Necessary)

a. This Revision No. 6 provides foreign exchange (U.S. Dollar) funding in an amount up to \$70,000 for the following activities, all of which are concerned with the development of additional electric power generating capacity in Central Java, Indonesia:

11. DATE OF ORIGINAL AGREEMENT December 5, 1969 12. DATE OF THIS REVISION May 30, 1970 13. ESTIMATED FINAL CONTRIBUTION DATE December 5, 1971

14. FOR THE COOPERATING GOVERNMENT OR AGENCY
 Soedharmono, S.H.
 Brig. Gen. T.N.I.

15. FOR THE AGENCY FOR INTERNATIONAL DEVELOPMENT
 John R. Mossler

SIGNATURE: [Signature] TITLE: Chairman, Coordinating Committee of Foreign Tech. Cooperation

SIGNATURE: [Signature] DATE: 30 May 1970 TITLE: Director, USAID/Indonesia

PROJECT AGREEMENT
BETWEEN AID AND

THE CABINET SECRETARIAT

AN AGENCY OF THE GOVERNMENT OF
THE REPUBLIC OF INDONESIA

1. Project/Activity No.
197-11-999-000

2. Agreement No. 70 - 5 Obl. 00127

3. Project/Activity Title
TECHNICAL SUPPORT
(Feasibility Studies & Surveys)

3. Original or
Revision No. 6

Block 10 - Special Provisions - (Continued)

Estimated Foreign
Exchange Required

(1) Geothermal Power Development:

| | |
|-------------------------------|-----------|
| Resistivity Survey (Contract) | \$ 40,000 |
| Geochemical Survey (PASA) | 12,000 |
| Evaluation (PASA) | 5,000 |

(2) First Major Electric Power Increment:

| | |
|------------------------------|----------|
| Feasibility Study (Contract) | 13,000 * |
|------------------------------|----------|

b. It is understood and agreed by the parties hereto that provision of the U.S. Dollar funding cited in Block 8(B) of this Revision No. 6 is contingent upon the realization of the supporting services, facilities and local cost financing to be provided by the Government of Indonesia as detailed in paragraph C-2 of ANNEX "A" of this Revision No. 6.

c. The "STANDARD PROVISION ANNEX" and the "Bilateral Agreement," both of which were a part of the original ProAg No. 70 - 5, are incorporated into this Revision No. 6 to ProAg No. 70 - 5 by reference.

d. The following Annexes form a part of this Revision No. 6:

ANNEX A - PROJECT DESCRIPTION

- A. Backgroup
- B. Description
- C. Specific Commitments of the Parties Hereto

- 1. The Government of the United States
- 2. The Government of the Republic of Indonesia

ANNEX B - ESTIMATED IMPLEMENTATION SCHEDULES

- A. Geothermal Power Development
- B. First Major Power Increment

* Total estimated cost of amending Contract No. AID/ea-108 is \$20,000. This \$13,000 increase will supplement funds remaining in PIO/T 00128 and still leave a "safe" contingency factor.

For the Cooperating Government or Agency

For the Agency for International Development

SIGNATURE: _____ DATE: _____

SIGNATURE: _____ DATE: _____

TITLE: _____

TITLE: _____

14

PROAG
CONTINUATION
SHEET

ANNEX

**PROJECT AGREEMENT
BETWEEN AID AND**

THE CABINET SECRETARIAT

**AN AGENCY OF THE GOVERNMENT OF
THE REPUBLIC OF INDONESIA**

1. Project/Activity No.
497-11-999-000

2. Agreement No. 70 - 5 Obl. 00127

3. Project/Activity Title
TECHNICAL SUPPORT
(Feasibility Studies & Surveys)

PAGE 3 OF 3 PAGES

3. Original or
Revision No. 6

Block 10 - Special Provisions - (Continued)

e. It is understood and agreed that the scheduling of continuing work, as shown in ANNEX "B" is for planning purposes only and does not represent or imply a commitment on the part of the United States Government to undertake or to finance any work beyond that for which specific funding provision is made in this Revision No. 6.

For the Cooperating Government or Agency

For the Agency for International Development

SIGNATURE: _____ DATE: _____

SIGNATURE: _____ DATE: _____

TITLE: _____

TITLE: _____

11
6

PROJECT AGREEMENT
BETWEEN AID AND

THE CABINET SECRETARIAT

AN AGENCY OF THE GOVERNMENT OF
THE REPUBLIC OF INDONESIA

1. Project/Activity No.
497-11-999-000

PAGE 1 OF 13 PAGES

2. Agreement No.
70 - 5 Obl. 00127

3. Original or
Revision No. 6

3. Project/Activity Title
TECHNICAL SUPPORT
(Feasibility Studies & Surveys)

ANNEX A - PROJECT DESCRIPTION

A. Background:

1. Geothermal Power Development:

a. Pursuant to Revision No. 2 of this ProAg No. 70 - 5 and as provided in PTO/T No. 00191, a preliminary reconnaissance of the Dieng Plateau area was made by Dr. L. J. Patrick Muffler, USGS, during the period 24 February to 10 March 1970. Dr. Muffler's report has been given wide distribution to various offices of the Government of the Republic of Indonesia and the Government of the United States of America. The report recommends that investigation and (possible) development of the geothermal energy potential of the Dieng Mountains be planned in four stages with the initiation of each stage (after the first) being dependent upon a favorable result from the preceding stage. The four stages recommended by Dr. Muffler are:

(1) Initial Investigations:

Geophysical (Resistivity Survey)
Geochemical
Geological (Aerial Photos; Photogeologic Interpretation)
Evaluation

(2) Exploratory Drilling:

200-Meter Holes
Drilling and Temp. Measurement
Geochemistry

650-Meter Holes
Drilling and Temp. Measurement
Geochemistry
Petrology
Production Testing
Evaluation

(3) Developmental Drilling

(4) Plant Construction

For the Cooperating Government or Agency

For the Agency for International Development

SIGNATURE: _____ DATE: _____
TITLE: _____

SIGNATURE: _____ DATE: _____
TITLE: _____

PROJECT AGREEMENT
BETWEEN AID AND

THE CABINET SECRETARIAT

AN AGENCY OF THE GOVERNMENT OF
THE REPUBLIC OF INDONESIA

1. Project/Activity No.
497-11-999-000

PAGE 5 OF 13 PAGES

2. Agreement No. Obl. 00127
70 - 5

3. Original or
Revision No. 6

3. Project/Activity Title
TECHNICAL SUPPORT
(Feasibility Studies & Surveys)

b. This Revision No. 6 provides foreign exchange funding up to \$57,000 for the accomplishment of a resistivity survey, a geochemical survey and an evaluation under the first stage recommended by Dr. Muffler, who has stressed that the resistivity and geochemical work must be accomplished during the dry season.

2. First Major Electric Power Increment in Central Java:

a. A.I.D. has provided foreign exchange financing for two Central Java electric power projects:

(1) Central Java Electric Power Rehabilitation: AID Loan No. 019 was authorized 17 April 1970 in an amount not to exceed \$16,800,000 for the rehabilitation of the distribution systems of the principal load centers of the Tuntang Electric Power System in Central Java. This loan-financed project is based on a feasibility study which was performed pursuant to ProAg No. 69 - 4 and as provided in PIO/Ts 90295, 90367 and 90388.

(2) Central Java Long-Range Planning Study: Contract No. AID/ea-108 was executed 26 March 1970 with Chas. T. Main International, Inc., pursuant to ProAg No. 70 - 5 (Original) and as provided in PIO/T No. 00128. The Long-Range Planning Study will "develop and outline the details of these specific projects which should be immediately studied for early implementation" (ART. I-A-3).

It appears that a "safe" initial power generation increment could be identified under the Long-Range Planning Study in advance of a determination of ultimate needs in Central Java. Further, it appears that - by contract amendment - a provision could be made for a feasibility-grade analysis of the first major power increment with the expectation that such analysis could be completed concurrently with the Long-Range Planning Study.

b. It is noted that Item E-9 on the 15 April 1970 "List of Projects 1970/71 Proposed for Consideration" contemplates a "Central Java Thermal Plant" at an estimated foreign exchange cost of \$10,000,000.

B. Description:

1. Resistivity Survey:

Dr. Muffler has described the geophysical portion of the "initial investigation" stage as follows (taken from pages 8 and 9 of Dr. Muffler's 10 March 1970 report, "Geothermal Potential of the Dieng Mountains, Central Java, Indonesia"):

For the Cooperating Government or Agency

For the Agency for International Development

SIGNATURE: _____ DATE: _____
TITLE: _____

SIGNATURE: _____ DATE: _____
TITLE: _____

**PROJECT AGREEMENT
BETWEEN AID AND**

1. Project/Activity No.
497-11-999-000

**PROAG
CONTINUATION
SHEET**

THE CABINET SECRETARIAT

2. Agreement No. Obl. 00127
70 - 5

3. Original or
Revision No. 6

ANNEX A

**AN AGENCY OF THE GOVERNMENT OF
THE REPUBLIC OF INDONESIA**

3. Project/Activity Title
**TECHNICAL SUPPORT
(Feasibility Studies & Surveys)**

"A resistivity survey using techniques and equipment having an effective penetration of 300 to 500 meters should be completed during the dry season (June to September) of 1970 (resistivity work during the wet season would be exceedingly impractical, if not impossible). The survey should include the following:

"a. Profiling along the road from Dieng-kulon to Batur, and along as many of the trails as feasible. This will produce a contour map of apparent resistivity at 300-500 m depth. Areas of low apparent resistivity will define drilling targets. This profiling should be extended (if topographically feasible) well outside the low resistivity anomaly to insure accurate delineation of the reservoir.

"b. Soundings (expanding spread) within the (expected) resistivity low as defined by the profiling. This will aid in interpretation of the profiling, will allow determination of the true resistivity at depth, and may allow evaluation of whether the anomaly represents a hot-water or vapor-dominated reservoir.

"Based on the published record (Banwell and Macdonald, 1965; Hatherton, Macdonald, and Thompson, 1966; Risk, Macdonald, and Dawson, in press; Noguchi and Onodera, 1968) and much unpublished data of the New Zealand Department of Scientific and Industrial Research (in New Zealand and Chile), direct current (D.C.) resistivity using a Schlumberger array with AB/2=500m or a Werner array with 600 meter electrode spacing is most likely to give suitable results. An experienced contractor, however, should be given latitude to propose the use of other electrical techniques (such as dipole-dipole, audiofrequency magnetotellurics, etc.) that may in his estimation be better suited to topographic and climatic conditions. Portability of equipment is an important consideration for work along trails.

"Other geophysical techniques are not recommended, either because of unlikelihood of meaningful or interpretable results or because of experimental nature - - -."

2. Geochemical Survey:

The following description is taken from page 9 of Dr. Muffler's 10 March 1970 report:

"During the dry season (June to September) of 1970, a careful search should be made in the area within 15 km of the Dieng Mountains for springs that may represent leakage from a deep hot-water reservoir. Any thermal springs found should be analyzed for K, Na, Cl, HCO₃, SO₄, and SiO₂. The interpretation of these constituents (in aggregate) can enable prediction of

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

THE CABINET SECRETARIAT

AN AGENCY OF THE GOVERNMENT OF
THE REPUBLIC OF INDONESIA

1. Project/Activity No.

497-11-999-000

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2. Agreement No.

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3. Original or
Revision No. 6

3. Project/Activity Title

TECHNICAL SUPPORT
(Feasibility Studies & Surveys)

subsurface temperatures (Fournier and Rowe, 1966; Fournier and Truesdell, in press).

"Also during the dry season of 1970 the flowing springs in the Dieng Mountains (probably all acid) should be sampled and analyzed for Cl, SO₄, and SiO₂ (K/Na ratio has no thermometric meaning in acid waters).

"The fumaroles of the Dieng Mountains should be analyzed for H₂ as a percentage of total gases (other than steam). The higher the H₂%, the greater subsurface temperature to be expected (0.5% H₂ corresponds to about 200°C).

3. Evaluation:

It is contemplated that a review and general evaluation of the foregoing resistivity survey and geochemical survey (together with the evaluation of aerial photography and the photogeologic interpretation thereof which are items not specifically provided for in this Revision No. 6) can be accomplished by a USGS specialist in approximately three weeks, following the completion of the "Initial Investigations" stage recommended by Dr. Muffler. The result of this evaluation will be a highly significant factor in determining the extent and scheduling of continuing work toward the development of geothermal power potential in the Dieng Plateau area of Central Java.

4. First Major Power Increment in Central Java:

It is contemplated that the following outline scope of work can be included in an amendment to Contract No. AID/ea-108:

- a. Schematic drawings:
- b. Site plan;
- c. Detailed cost estimates, including separate estimates of foundation exploration (borings), final design, and construction;
- d. Outline specifications for major elements:
- e. Discussion of overall economic considerations and estimated cost of generation; discussion of alternates;
- f. Benefit/Cost analysis; and
- g. Implementation plan and schedule.

For the Cooperating Government or Agency

For the Agency for International Development

SIGNATURE: _____ DATE: _____
TITLE: _____

SIGNATURE: _____ DATE: _____
TITLE: _____

**PROJECT AGREEMENT
BETWEEN AID AND**

1. Project/Activity No.
497-11-999-000

**PROAG
CONTINUATION
SHEET**

THE CABINET SECRETARIAT

2. Agreement No. 70-5 Ob1. 00127

3. Original or
Revision No. 6

ANNEX A

**AN AGENCY OF THE GOVERNMENT OF
THE REPUBLIC OF INDONESIA**

3. Project/Activity Title
**TECHNICAL SUPPORT
(Feasibility Studies & Surveys)**

C. Specific Commitments of the Parties Hereto:

1. The Government of the United States of America, through its Agency for International Development, agrees:

a. To provide foreign exchange (U.S. Dollar) funds on a grant basis, in an amount not to exceed the total shown in Block 8(B) on page 1 of this Revision No. 6 for the purpose of effecting the work and services described in Section B, above;

b. To use its best offices toward executing a contract with a competent United States firm for the performance of the Resistivity Survey described in Para. B.1 above;

c. To use its best offices toward executing a Participating Agency Service Agreement with the United States Geological Survey for the Geochemical Survey and for the Evaluation described, respectively, in Para. B.2 and Para. B.3, above;

d. To use its best offices toward executing an amendment to Contract No. AID/ea-108 for the Feasibility Study of a "First Major Electric Power Increment in Central Java," as described in Para. B.4, above; and

e. To provide, in the furtherance of this Agreement, such parttime services and support from its staffs in Indonesia and in the United States, as may be required for the implementation, administration and monitoring of the activities for which specific provision is made herein.

2. The Government of the Republic of Indonesia:

Through its Directorate General for Electric Power, its Geological Survey of Indonesia, and such other agencies as may be directly affected, agrees:

a. To provide and support the counterpart technical staff personnel listed below for each of the activities for which specific provision is made in this Revision No. 6:

For the Cooperating Government or Agency

For the Agency for International Development

SIGNATURE: _____ DATE: _____

SIGNATURE: _____ DATE: _____

TITLE: _____

TITLE: _____

10

PROJECT AGREEMENT
BETWEEN AID AND
THE CABINET SECRETARIAT
AN AGENCY OF THE GOVERNMENT OF
THE REPUBLIC OF INDONESIA

1. Project/Activity No.
497-11-999-000
2. Agreement No.
70-5 Ob1. 00127
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TECHNICAL SUPPORT
(Feasibility Studies & Surveys)

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3. Original or
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| | <u>Est. Time Required</u> |
|--|-------------------------------|
| (1) <u>Resistivity Survey Contract:</u> | |
| 1 Geophysicist | 8 weeks |
| 1 Electronics Technician | 6 weeks |
| 2 Field Assistants | 6 weeks |
| 2 Drivers | 6 weeks |
| (2) <u>Geochemical Survey PASA:</u> | |
| 1 Geochemist | 6 weeks |
| 1 Laboratory Assistant | 3 weeks |
| 1 Field Assistant | 3 weeks |
| 1 Driver | 3 weeks |
| (3) <u>Evaluation:</u> | |
| 1 Geologist | 1 week |
| 1 Geophysicist | 1 week |
| 1 Geochemist | 1 week |
| (4) <u>First Major Power Increment Feasibility Study Contract:</u> | |
| 1 Electrical Engineer | 16 weeks |
| 2 Draftsmen | 8 weeks |

b. To provide and maintain vehicles for local or on-the-job transportation as required to fully support the field work to be accomplished by contract, PASA, and counterpart staffs for the four activities (resistivity survey contract, geochemical survey PASA, evaluation PASA, and feasibility study contract) for which provision is made in this Revision No. 6. As part of the foregoing overall

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

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

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| | | | |
|--|---|---|--|
| AID.1330-1A (8-69) PROAG CONTINUATION SHEET ANNEX <u>A</u> | PROJECT AGREEMENT BETWEEN AID AND THE CABINET SECRETARIAT | 1. Project/Activity No. 497-11-999-000 | PAGE <u>10</u> OF <u>13</u> PAGES |
| | | 2. Agreement No. 70 - 5 | Obl. 00127 3. <input type="checkbox"/> Original or Revision No. <u>6</u> |
| | AN AGENCY OF THE GOVERNMENT OF THE REPUBLIC OF INDONESIA | 3. Project/Activity Title TECHNICAL SUPPORT (Feasibility Studies & Surveys) | |

provision, the resistivity survey contractor will require two 4-wheel-drive vehicles for approximately six weeks, and the geochemical survey PASA will require one 4-wheel-drive vehicle for approximately three weeks.

c. To provide for payment of local per diem and local air and rail travel in Indonesia by the USAID Controller to Contract and PASA personnel from the Rupiah Trust Fund Account, as required to support the four activities for which provision is made in this Revision No. 6. The following estimate of Rupiah costs is cited for planning purposes only:

(1) Resistivity Survey Contract:

| | |
|---------------------------|--------|
| 2 men, 14 days @ \$30 | \$ 840 |
| 2 men, 42 days @ \$12 | 1,008 |
| 4 RT, Djakarta - Semarang | 100 |

(2) Geochemical Survey PASA:

| | |
|---------------------------|-----|
| 1 man, 14 days @ \$30 | 420 |
| 1 man, 35 days @ \$12 | 420 |
| 2 RT, Djakarta - Semarang | 50 |

(3) Evaluation:

| | |
|---------------------------|-----|
| 1 man, 14 days @ \$30 | 420 |
| 1 man, 7 days @ \$12 | 84 |
| 1 RT, Djakarta - Semarang | 25 |

(4) Power Increment Feasibility Study:

| | |
|---------------------------|-------|
| 1 man, 7 days @ \$30 | 210 |
| 1 man, 120 days @ \$12 | 1,440 |
| 1 RT, Djakarta - Semarang | 25 |

Est. Totals: \$5,042

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

**PROJECT AGREEMENT
BETWEEN AID AND**

1. Project/Activity No.
497-11-999-000

**PROAG
CONTINUATION
SHEET**

THE CABINET SECRETARIAT

2. Agreement No. Cbl. 00127
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Revision No. 6

ANNEX A

**AN AGENCY OF THE GOVERNMENT OF
THE REPUBLIC OF INDONESIA**

3. Project/Activity Title
**TECHNICAL SUPPORT
(Feasibility Studies & Surveys)**

d. To provide office space, office equipment, clerical services and secretarial services as required to support the contract and PASA teams in the activities for which provision is made in this Revision No. 6.

e. To provide access to and usage of such maps and reference materials as are available to or under the control of the Government of Indonesia.

f. To make part of the Volcanological Laboratory at Karantengah available for use by the resistivity survey contractor and the geochemical survey team.

g. To make chemical laboratory facilities at Bandung available for use by the geochemical survey team for approximately three weeks.

For the Cooperating Government or Agency

For the Agency for International Development

SIGNATURE: _____ DATE: _____

SIGNATURE: _____ DATE: _____

TITLE: _____

TITLE: _____

PROJECT AGREEMENT
BETWEEN AID AND1. Project/Activity No.
497-11-999-000

PAGE 12 OF 13 PAGES

2. Agreement No.
70 - 5 Ob1. 001273. Original or
Revision No. 6

THE CABINET SECRETARIAT

AN AGENCY OF THE GOVERNMENT OF
THE REPUBLIC OF INDONESIA3. Project/Activity Title
TECHNICAL SUPPORT
(Feasibility Studies & Surveys)PROAG
CONTINUATION
SHEET

ANNEX B

ANNEX B - ESTIMATED IMPLEMENTATION SCHEDULESA. Initial Investigations for Geothermal
Power Development:

| <u>Resistivity Survey:</u> | <u>START</u> | <u>FINISH</u> |
|---|--------------|---------------|
| Prepare ProAg and PIO/T | 1 May 1970 | 31 May 1970 |
| Solicit Interest; Screen | 1 May 1970 | 31 May 1970 |
| Technical Proposals; Request; Receive | 1 June 1970 | 30 June 1970 |
| Select; Negotiate; Award Contract | 1 July 1970 | 31 July 1970 |
| Survey: | | |
| Field Work, 10 weeks | 15 Aug. 1970 | 31 Oct. 1970 |
| Report | - | 30 Nov. 1970 |
| <u>Geochemical Survey:</u> | | |
| Prepare ProAg and PIO/T | 1 May 1970 | 31 May 1970 |
| Negotiate and Execute USGS PASA | 15 May 1970 | 30 June 1970 |
| Survey: | | |
| Field Work, 7 weeks | 1 July 1970 | 5 Aug. 1970 |
| Report | - | 30 Sept. 1970 |
| <u>Aerial Photography; Photogeology:</u> | | |
| Prepare ProAg and PIO/T | - | 3 July 1970 |
| Request Technical Proposals; Receive | 6 July 1970 | 31 July 1970 |
| Select; Negotiate; Award Aerial Photo Contract | 1 Aug. 1970 | 15 Aug. 1970 |

For the Cooperating Government or Agency

For the Agency for International Development

SIGNATURE: _____ DATE: _____

SIGNATURE: _____ DATE: _____

TITLE: _____

TITLE: _____

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PROAG
CONTINUATION
SHEET

ANNEX B

**PROJECT AGREEMENT
BETWEEN AID AND
THE CABINET SECRETARIAT

AN AGENCY OF THE GOVERNMENT OF
THE REPUBLIC OF INDONESIA**

| | |
|---|--|
| 1. Project/Activity No. 497-11-999-000 | PAGE <u>13</u> OF <u>13</u> PAGES |
| 2. Agreement No. 70 - 5 Obl. 00127 | 3. <input type="checkbox"/> Original or Revision No. <u>6</u> |
| 3. Project/Activity Title TECHNICAL SUPPORT (Feasibility Studies & Surveys) | |

Aerial Photography: Photogeology

| Photography: | START | FINISH |
|--------------|--------------|---------------|
| Field | 15 Aug. 1970 | 30 Sept. 1970 |
| Final Prints | - | 15 Oct. 1970 |

Evaluation:

| | | |
|----------------------------|-------------|--------------|
| Prepare ProAg and PIO/T | 1 May 1970 | 31 May 1970 |
| Negotiate and Execute PASA | 15 May 1970 | 30 June 1970 |

Evaluation:

| | | |
|---------------|-------------|--------------|
| Field | 1 Dec. 1970 | 22 Dec. 1970 |
| Formal Report | - | 31 Jan. 1971 |

B. First Major Power Increment, Central Java:

Feasibility Study:

| | | |
|---|-------------|--------------|
| Prepare ProAg and PIO/T | 1 May 1970 | 31 May 1970 |
| Negotiate and Execute Amendment to Chas. T. Main Contract No. AID/ea-108 | 15 May 1970 | 30 June 1970 |
| Feasibility Study; Report | 1 July 1970 | 30 Nov. 1970 |
| Prepare Draft Loan Paper to cover Engineering & Construction | 1 Dec. 1970 | 15 Jan. 1971 |

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

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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
THE CABINET SECRETARIAT
AN AGENCY OF THE GOVERNMENT OF THE REPUBLIC OF INDONESIA

M. C. ... Date 6/24/70
 Mr. R. Ahmad Moch. Hoesni
 Director General for Power
 and Electricity

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:

1. PROJECT/ACTIVITY NO. 497-11-999-000 PAGE 1 OF 2 PAGES
 2. AGREEMENT NO. 70-5 Obl. 00127 3. ORIGINAL OR REVISION NO. 8
 4. PROJECT/ACTIVITY TITLE
TECHNICAL SUPPORT
(Feasibility Studies & Surveys)

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

6. AID APPROPRIATION SYMBOL 72-11.01004 7. AID ALLOTMENT SYMBOL 054-50-497-00-69-C

| 8. AID FINANCING | PREVIOUS TOTAL (A) | INCREASE (B) | DECREASE (C) | TOTAL TO DATE (D) |
|---|--------------------|--------------|--------------|-------------------|
| <input checked="" type="checkbox"/> DOLLARS <input type="checkbox"/> LOCAL CURRENCY | | | | |
| (a) Total | \$662,400.00 | \$15,000.00 | | \$677,400.00 |
| (b) Contract Services | \$646,400.00 | \$15,000.00 | | \$661,400.00 |
| (c) Commodities | | | | |
| (d) Other Costs & <u>Air Charter</u> | \$ 16,000.00 | | | \$ 16,000.00 |
| 9. COOPERATING AGENCY FINANCING - DOLLAR EQUIVALENT | | | | |
| 01.00-- | | | | |
| (a) Total | | | | |
| (b) Technical and other Services | | | | |
| (c) Commodities | | | | |
| (d) Other Costs | | | | |

USAID REF:

STATE 90355
 PIO/T 00319
 PIO/T 128(3)

USAID Clearances:

ENGR: *[Signature]*
 PRO: *[Signature]*
 CONTR: *[Signature]*

10. SPECIAL PROVISIONS (See Additional Conditions Annex, if necessary)

a. This Revision No. 8 provides foreign exchange (U.S. Dollar) funding in an amount up to \$15,000 for the following activities, both of which are concerned with electric power development in Java:

BE Kent:mh
 6/22/70

| | | |
|--|--|--|
| 11. DATE OF ORIGINAL AGREEMENT <u>December 5, 1969</u> | 12. DATE OF THIS REVISION <u>June 29, 1970</u> | 13. ESTIMATED FINAL CONTRIBUTION DATE <u>December 5, 1971</u> |
| 14. FOR THE COOPERATING GOVERNMENT OR AGENCY <u>Soedharmono, S.H.</u> <u>Brig. Gen. T.N.I.</u> | 15. FOR THE AGENCY FOR INTERNATIONAL DEVELOPMENT <u>Richard M. Cashin</u> <u>Richard M. Cashin</u> | |
| SIGNATURE: TITLE: <u>Chairman, Coordinating Committee of Foreign Tech. Cooperation</u> | DATE: <u>6/29/70</u> | SIGNATURE: DATE: <u>6/29/70</u> |

PROAG
CONTINUATION
SHEET
ANNEX

PROJECT AGREEMENT
BETWEEN AID AND

THE CABINET SECRETARIAT

AN AGENCY OF THE GOVERNMENT OF
THE REPUBLIC OF INDONESIA

1. Project/Activity No.
497-11-999-000

2. Agreement No.
70 - 5 Obl. 00127

3. Project/Activity Title
TECHNICAL SUPPORT
(Feasibility Studies & Surveys)

3. Original or
Revision No. 8

Block 10 - Special Provisions - (Continued)

(1) Reconnaissance survey of electric power distribution, transmission and generation needs in the eastern part of West Java. It is planned that this survey will be made by one personal services contractor with the assistance of the USAID/I engineering staff. The estimated funding requirement is for the personal services contract only.

Estimated Foreign
Exchange Requirement

\$ 7,600.00

(2) Feasibility-grade analysis of requirements for rehabilitation of selected major load center distribution networks in the Ketenger System of Central Java. It is planned that provision for this feasibility study will be made by further amending the Chas. T. Main Contract No. AID/ea-108 under PIO/T No. 00128.

7,400.00**

\$15,000.00

* NOTE: Total estimated requirement for this Ketenger System Feasibility Study is \$18,000 per STATE 90355. Of this total requirement however, an estimated \$10,600 is already available under PIO/T No. 00128 in excess to the known requirements of Contract No. AID/ea-108. Therefore, only an additional \$7,400 must be obligated under this Revision No. 8 and sub-obligated under an accompanying amendment to PIO/T 00128.

b. The "STANDARD PROVISION ANNEX" and the "Bilateral Agreement", both of which were a part of the original ProAg No. 70 - 5, are incorporated into this Revision No. 8 by reference.

c. It is understood and agreed by the parties hereto that provision of the U.S. Dollar funding cited in Block 8 (B) of this Revision No. 8 is contingent upon the realization of the supporting services, facilities and local cost financing to be provided by the Government of Indonesia as cited in paragraph C-2 of ANNEX "A" of this Revision No. 8.

d. It is further understood and agreed by the parties hereto that the tentative scheduling of continuing work, as shown in ANNEX "B" is for planning purpose only, and does not represent or imply a commitment on the part of the United States Government to undertake or to finance any work beyond that for which specific funding provision is made in this Revision No. 8.

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

PROAG
CONTINUATION
SHEET

ANNEX

PROJECT AGREEMENT
BETWEEN AID AND

THE CABINET SECRETARIAT

AN AGENCY OF THE GOVERNMENT OF
THE REPUBLIC OF INDONESIA

1. Project/Activity No.
497-11-999-000

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70 - 5 Obl. 00127

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Revision No. 8

3. Project/Activity Title
TECHNICAL SUPPORT
(Feasibility Studies & Surveys)

e. It is anticipated that a subobligating PIO/T (PIO/T No. 497-000-3-00319) will be issued by AID/Washington to cover the West Java Reconnaissance Survey. It is further anticipated that such PIO/T will be issued as soon as possible after the signing of this Revision No. 8 to ProAg No. 70 - 5, but in no event shall this period exceed three months. This represents a waiver of normal procedures pursuant to AID Manual Order No. 712.4, Section III, Paragraph 3.a. All funds not subobligated within three months of this Revision No. 8 to ProAg 70 - 5 will be deobligated.

f. A subobligating PIO/T (Amendment No. 3 to PIO/T No. 497-000-3-00128) covering the Ketenger System Feasibility Study is being processed concurrently with this Revision No. 8 to ProAg No. 70 - 5.

g. The following ANNEXES form a part of this Revision 8:

ANNEX A - PROJECT DESCRIPTION

- A. Background
- B. Description of Work
- C. Specific Commitments of the Parties Hereto:
 - 1. The Government of the United States of America.
 - 2. The Government of the Republic of Indonesia.

ANNEX B - ESTIMATED IMPLEMENTATION SCHEDULES

- A. West Java Electric Power
- B. Ketenger System (Central Java Electric Power)

For the Cooperating Government or Agency

For the Agency for International Development

SIGNATURE: _____ DATE: _____
TITLE: _____

SIGNATURE: _____ DATE: _____
TITLE: _____

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PROJECT AGREEMENT
BETWEEN AID AND

THE CABINET SECRETARIAT

AN AGENCY OF THE GOVERNMENT OF
THE REPUBLIC OF INDONESIA

1. Project/Activity No.
497-11-999-000

PAGE 1 OF 9 PAGES

2. Agreement No.
70-5 031. 00127

3. Original or
Revision No. 8

3. Project/Activity Title
TECHNICAL SUPPORT
(Feasibility Studies & Surveys)

ANNEX A - PROJECT DESCRIPTION

A. Background

1. West Java Electric Power: The work considered in this Revision No. 8 is closely tied to Project E-1 as described in the current (15 April 1970) BAPPENAS listing of projects proposed for IGGI consideration. Formal GOI request for AID participation is contained in BAPPENAS Letter No. 1117/Dep. I/1970, addressed to the USAID/I Director as of 4 June 1970. An extract of that letter follows:

"On behalf of the Indonesian Government, we herewith request the USAID to enter into studies of the following projects in the field of electric power:

"(a) A reconnaissance survey of electric power distribution, transmission and generation needs in the eastern part of West Java, and feasibility studies of selected projects identified by the reconnaissance survey. . . ."

2. Ketenger System in Central Java:

a. The work considered in this Revision 8 is a part of Project No. E-2 as described in the 15 April 1970 BAPPENAS listing of projects proposed for IGGI consideration. Formal GOI request for AID participation is contained in BAPPENAS Letter No. 1117/Dep. I/1970, addressed to the USAID/I Director as of 4 June 1970. An extract of that letter follows:

"On behalf of the Indonesia Government, we herewith request the USAID to enter into studies of the following projects in the field of electric Power:

"(c) A reconnaissance survey of the need for rehabilitation of electric power distribution networks in the Ketenger System of Central Java, and such detailed feasibility studies as may be identified and recommended on the basis of that reconnaissance survey. . . ."

b. Chas. T. Main International, Inc., is presently performing a "Long-Range Planning Study and Load Forecast" of electric power requirements for all of Central Java under Contract No. AID/ea-108, pursuant to PIO/T No. 497-000-3-00128, as previously funded by ProAg

For the Cooperating Government or Agency

For the Agency for International Development

SIGNATURE: _____ DATE: _____
TITLE: _____

SIGNATURE: _____ DATE: _____
TITLE: _____

PROJECT AGREEMENT
BETWEEN AID AND

THE CABINET SECRETARIAT

AN AGENCY OF THE GOVERNMENT OF
THE REPUBLIC OF INDONESIA

1. Project/Activity No.

497-11-999-000

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2. Agreement No.

70 - 5

Obl. 00127

3. Original or
Revision No. 8

3. Project/Activity Title

TECHNICAL SUPPORT

(Feasibility Studies & Surveys)

No. 70 - 5 (original) and ProAg No. 70 - 5 (Revision No. 6). Pursuant to paragraph 6 of STATE 90355 dated 10 June 1970, it appears that the Contractor can accomplish the desired Ketenger System Rehabilitation Feasibility Study at an estimated additional cost of \$18,000 by amendment to the Contract. As the Contractor has already studied the general conditions and needs of the Ketenger System in connection with his "Long-Range Planning Study and Load Forecast," a further (separate) reconnaissance survey will not be necessary as a prelude to the detailed feasibility study contemplated and funded under this Revision No. 8.

3. Conflict with Other Donor Interests: It is the understanding of the parties hereto, which understanding is hereby confirmed, that the work for which provision is made in this Revision No. 8 does not conflict in any way with that which has been requested of or planned by any other donor nation or agency.

B. Description of Work to be Performed:1. West Java Electric Power Reconnaissance Survey:

a. A detailed scope of work will be contained in PIO/T No. 497-000-3-00319, to be issued by AID/Washington as provided in Block 10-e of this Revision No. 8 to ProAg 70 - 5. In general terms, it is contemplated that the reconnaissance team will consider:

- (1) The rehabilitation of distribution systems in the major load centers of the eastern part of West Java;
- (2) The possibility of a major thermal power generating plant at Tjirebon (perhaps using natural gas as fuel), and/or interim generating facilities in major load centers; and
- (3) Transmission line improvements or additions required to realize maximum benefits from (1) and (2) above.

b. From the foregoing, the reconnaissance team will seek to identify specific projects which appear to warrant further in-depth study and feasibility-grade analysis, and will assess such projects in terms of apparent relative priority.

c. With respect to each high-priority project or grouping of projects for which, in the considered opinion of the reconnaissance team, an in-depth study and analysis of technical and economic feasibility is warranted, the reconnaissance team will:

For the Cooperating Government or Agency

For the Agency for International Development

SIGNATURE: _____ DATE: _____

SIGNATURE: _____ DATE: _____

TITLE: _____

TITLE: _____

PROJECT AGREEMENT

BETWEEN AID AND

THE CABINET SECRETARIAT

AN AGENCY OF THE GOVERNMENT OF
THE REPUBLIC OF INDONESIA

1. Project/Activity No.

497-11-999-000

2. Agreement No.

70 - 5

Obj. 00127

3. Project/Activity Title

TECHNICAL SUPPORT

(Feasibility Studies & Surveys)

3. Original or
Revision No. 8

PROAG
CONTINUATION
SHEET

ANNEX A

- (1) Prepare a scope of work adequate for contracting for the study;
- (2) Prepare an estimate of personnel requirements, time and cost of each such study; and
- (3) Prepare a summary of the supporting personnel, facilities, transportation and Rupiah funding which should be provided by the Government of Indonesia in direct support of each such study.

2. Feasibility Study of the Rehabilitation of Electric Power Distribution Networks in Selected Load Centers of the Ketenger System of Central Java:

a. A detailed scope of work is contained in Block 21-A of Amendment No. 3 to PIO/T No. 497-000-3-00128, which accompanies this Revision No. 8 to ProAg No. 70 - 5. In general terms, the feasibility study will consider the early rehabilitation of distribution networks in major load centers of the Ketenger System (Tjilatjap, Pemalang, Pekalongan, Purwokerto and Tegal), predicated on the assumption that such rehabilitation is a basic prerequisite to system improvement and can be considered on its own merits without regard to the specific details of ultimate generation and transmission improvements in the Ketenger System.

b. It is planned that this feasibility study will be performed in conjunction with the on going "Central Java Long-Range Planning Study" being performed by Chas. T. Main International, Inc. under Contract No. AID/ea-108.

C. Specific Commitments of the Parties Hereto:

1. The Government of the United States of America, through its Agency for International Development, agrees:

a. To provide foreign exchange (U.S. Dollar) funds on a grant basis, in an amount not to exceed the total shown in Block 8(B) on page 1 of this Revision No. 8 for the purpose of effecting the work and services described in Section B of this ANNEX "A";

b. To use its best offices toward executing a personal services contract with an individual qualified to perform the reconnaissance survey described in paragraph B-1 of this ANNEX "A";

c. To make available the services of one Electrical Engineer from the Engineering Division staff of USAID/Indonesia to work directly with the personal services contractor in performing the foregoing reconnaissance survey in West Java:

For the Cooperating Government or Agency

For the Agency for International Development

SIGNATURE: _____ DATE: _____

SIGNATURE: _____ DATE: _____

TITLE: _____

TITLE: _____

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PROAG
CONTINUATION
SHEET

ANNEX A

PROJECT AGREEMENT
BETWEEN AID AND

THE CABINET SECRETARIAT

AN AGENCY OF THE GOVERNMENT OF
THE REPUBLIC OF INDONESIA

1. Project/Activity No.

497-11-999-000

PAGE 7 OF 9 PAGES

2. Agreement No.

70 - 5

Obl. 00127

3. Original or
Revision No. 8

3. Project/Activity Title

TECHNICAL SUPPORT
(Feasibility Studies & Surveys)

d. To use its best offices toward executing an amendment to the Chas. T. Main Contract No. AID/ea-108 for the performance of the feasibility study described in paragraph B-2 of this ANNEX "A" or to make suitable alternate arrangements for the performance of that study; and

e. To provide, in the furtherance of this Agreement, such part-time services and support from its staffs in Indonesia and in the United States of America, as may be required for the implementation, administration and monitoring of the activities for which specific provision is made herein.

2. The Government of the Republic of Indonesia, through its Department of Public Works and Electric Power, its Directorate General for Electric Power, and such other agencies as may be directly affected, agrees:

a. To provide and support a counterpart staff of not less than two electrical engineers or qualified technicians to work directly with one AID-financed personal services contractor and one direct-hire USAID electrical engineer in conducting a reconnaissance survey in West Java as outline in paragraph B-1 of this ANNEX "A";

b. To provide and support a counterpart staff of not less than two electrical engineers or qualified technicians to work directly with the AID-financed contract team in performing the feasibility study outlined in paragraph B-2 of this ANNEX "A";

c. To make available such draftsmen, surveyors, accountants, and data-research personnel as may reasonably be required from time to time in direct support of the reconnaissance survey and feasibility study outlined in paragraph B-1 and B-2, respectively, of this ANNEX "A";

d. To provide and maintain adequate vehicles for local or on-the-job transportation as required to fully support the work and services for which provision is made in this Revision No. 8 to ProAg 70 - 5;

e. To provide such office space, office equipment, clerical services and secretarial services as are required to support the reconnaissance survey and feasibility study teams, are not readily available from USAID, and have not previously been made available under the provisions of this Project Agreement No. 70 - 5 as previously revised;

f. To provide access to and usage of such maps, data and reference materials pertaining to the areas to be covered by the reconnaissance survey and the feasibility study described herein as are available to, or are under the control of, the Government of Indonesia; and

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

THE CABINET SECRETARIAT

AN AGENCY OF THE GOVERNMENT OF
THE REPUBLIC OF INDONESIA

1. Project/Activity No.
497-11-999-000

2. Agreement No. Obl. 00127
70 - 5

3. Project/Activity Title
TECHNICAL SUPPORT
(Feasibility Studies & Surveys)

3. Original or
Revision No. 8

PROAG
CONTINUATION
SHEET

ANNEX A

g. To provide for payment of local per diem and local air and rail travel in Indonesia by the USAID Controller to the U.S. direct-hire and contract personnel from the Rupiah Trust Fund Account established by the Government of Indonesia with the USAID/Indonesia, as required to support the reconnaissance survey and feasibility study described herein. The following estimate of Rupiah costs to be paid from the Trust Fund Account is cited for planning purposes only:

West Java Reconnaissance Survey:

| | |
|--|--------|
| 1 man, 21 days @ \$30/day (Djakarta-based) | \$ 630 |
| 2 men, 21 days @ \$22/day (Field-based) | 924 |

Ketengex System Feasibility Study:

| | |
|--|-------|
| 2 men, 10 days @ \$30/day (Djakarta-based) | 600 |
| 2 men, 80 days @ \$22/day (Field-based) | 3,520 |
| 4 R-T, Djakarta-Semarang @ \$25 | 100 |

| | |
|-------|---------|
| Total | \$5,774 |
|-------|---------|

For the Cooperating Government or Agency

For the Agency for International Development

SIGNATURE: _____ DATE: _____
TITLE: _____

SIGNATURE: _____ DATE: _____
TITLE: _____

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PROJECT AGREEMENT
BETWEEN AID AND

THE CABINET SECRETARIAT

AN AGENCY OF THE GOVERNMENT OF
THE REPUBLIC OF INDONESIA

1. Project/Activity No.
497-11-999-000

PAGE 2 OF 2 PAGES

2. Agreement No.
70 - 5 Ob1. 00127

3. Original or
Revision No. 8

3. Project/Activity Title
TECHNICAL SUPPORT
(Feasibility Studies & Surveys)

ANNEX B - ESTIMATED IMPLEMENTATION SCHEDULES

A. West Java Distribution, Generation and Transmission:

Estimated
Completion
Date

1. Reconnaissance Survey:

| | |
|---------------------------------|---------------|
| Project Agreement | 27 June 1970 |
| PIO/T (AID/W Issuance) | 30 June 1970 |
| Execute Personal Svcs. Contract | 15 July 1970 |
| Contractor arrives in Indonesia | 18 July 1970 |
| Draft Report | 31 Aug. 1970 |
| Final Report | 15 Sept. 1970 |

2. Feasibility Study:

| | |
|---------------------------------------|---------------|
| Proag and PIO/T | 30 Sept. 1970 |
| Solicit Interest; Screen | 15 Oct. 1970 |
| Receive Technical Proposals | 30 Nov. 1970 |
| Select; Negotiate; Award Contract: | 15 Feb. 1971 |
| Prelim. Report, Distribution Systems | 31 May 1971 |
| Prelim. Report, Generation | 30 June 1971 |
| Prelim. Report, Transmission | 31 July 1971 |
| Final Consolidated Report | 31 Aug. 1971 |

B. Ketenger System Feasibility Study (Distribution Networks):

| | |
|--|--------------|
| Project Agreement | 27 June 1970 |
| PIO/T (USAID/I Issuance) | 27 June 1970 |
| Negotiate and execute Contract Amendment | 15 July 1970 |
| Preliminary Report | 31 Oct. 1970 |
| Final Report | 30 Nov. 1970 |

For the Cooperating Government or Agency

For the Agency for International Development

SIGNATURE: _____ DATE: _____
TITLE: _____

SIGNATURE: _____ DATE: _____
TITLE: _____

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~~SEP 1 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 CABINET SECRETARIAT
AN AGENCY OF THE GOVERNMENT OF THE REPUBLIC OF INDONESIA

PRO AG
71 - 4

Date Aug. 13, 1970

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

1. PROJECT/ACTIVITY NO.
197-11-999-000

PAGE 1 OF 2 PAGES

2. AGREEMENT NO.
Obl. 10032

3. ORIGINAL OR REVISION NO. _____

4. PROJECT/ACTIVITY TITLE
TECHNICAL SUPPORT
(Feasibility Studies & Surveys) -
Central Java Electric Power Studies

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 _____

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

ECONOMIC COOPERATION AGREEMENT Bilateral DATE Oct. 16, 1950

6. AID APPROPRIATION SYMBOL 7. AID ALLOTMENT SYMBOL
72-1111004 154-50-497-00-69-11

(other) DATE _____

| B. AID FINANCING | PREVIOUS TOTAL (A) | INCREASE (B) | DECREASE (C) | TOTAL TO DATE (D) |
|---|--------------------|--------------|--------------|-------------------|
| <input checked="" type="checkbox"/> DOLLARS <input type="checkbox"/> LOCAL CURRENCY | | | | |
| (a) Total | | \$20,100.00 | | \$20,100.00 |
| (b) Contract Services | | \$20,100.00 | | \$20,100.00 |
| (c) Commodities | | | | |
| (d) Other Costs | | | | |

D. COOPERATING AGENCY FINANCING - DOLLAR EQUIVALENT
\$1.00 = _____

| | |
|----------------------------------|---------------------------------------|
| (a) Total | In-kind and Rupiah Trust Fund support |
| (b) Technical and other Services | as cited in Section C-2 of ANNEX "A" |
| (c) Commodities | to this ProAg. |
| (d) Other Costs | |

10. SPECIAL PROVISIONS (Use Additional Continuation Sheets, if Necessary)
a. This Project Agreement provides FY 1971 Funding to supplement amounts previously obligated under ProAg No. 70 - 5 for two Feasibility Studies concerned with the generation and distribution of electric power in Central Java. The scope of services previously outlined in ProAg No. 70 - 5 (Rev. 6 and Rev. 8) and in Amendments 2 and 3 to PIO/T No. 00128, is revised and supplemented as shown in Section B of ANNEX "A" to this ProAg No. 71 - 4.
(Continued)

11. DATE OF ORIGINAL AGREEMENT August 22, 1970
12. DATE OF THIS REVISION
13. ESTIMATED FINAL CONTRIBUTION DATE August 22, 1973

14. FOR THE COOPERATING GOVERNMENT OR AGENCY
Sudharmono, S.H.
Brig. Gen. T.N.I.
SIGNATURE: _____ DATE: 8/22/70
TITLE: Chairman, Coordinating Committee of Foreign Tech. Cooperation

15. FOR THE AGENCY FOR INTERNATIONAL DEVELOPMENT
Alexander Shakow
SIGNATURE: _____ DATE: 8/22/70
TITLE: Acting Director, USAID/Indonesia

USAID Clearances:
ENGR: _____
AR PRO: _____
CONTR: _____

BEKent:smh
7/30/70

1035

**PROJECT AGREEMENT
BETWEEN AID AND**

THE CABINET SECRETARIAT

**AN AGENCY OF THE GOVERNMENT OF
THE REPUBLIC OF INDONESIA**

1. Project/Activity No.
497-11-999-000

2. Agreement No.
Obl. 10032

3. Project/Activity Title
TECHNICAL SUPPORT
(Feasibility Studies & Surveys) -
Central Java Electric Power Studies

3. Original or
Revision No. _____

Block 10 - Special Provisions - (Continued)

The studies and the amounts involved are identified as follows:

| | <u>Est. Cost</u> |
|---|-----------------------|
| 1. First Major Power Generating Increment; Feasibility Study | \$47,200 |
| 2. Rehabilitation of Selected Distribution Networks in the Ketenger System; Feasibility Study | <u>23,700</u> |
| Est. Total Required | \$70,900 |
| Available under ProAg 70 - 5 | <u>50,800</u> (FY 70) |
| Obligated under this ProAg | \$20,100 (FY 71) |

b. It is contemplated that the foregoing work will be incorporated (by Amendment) into existing Contract No. AID/ea-108, for accomplishment concurrently with the Central Java Long Range Planning Study and Load and Energy Forecast. For record purposes, funding available for all work currently proposed for accomplishment under Contract No. AID/ea-108 is recapitulated as follows:

| | | |
|-----------------------|---------------|---------------------------------|
| ProAg 70 - 5 Original | \$250,000 | L.R.P.S. & Tuntang Transmission |
| Rev. 6 | 33,000 | 1st Major Power Increment |
| Rev. 8 | 7,400 | Ketenger Rehab. |
| Adj. | <u>12,300</u> | Resistivity Survey Decrease |
| | \$282,700 | FY 1970 |
| This ProAg 71 - 4 | <u>20,100</u> | FY 1971 |
| | \$302,800 | Total available |

For the Cooperating Government or Agency

For the Agency for International Development

SIGNATURE: _____ DATE: _____

SIGNATURE: _____ DATE: _____

TITLE: _____

TITLE: _____

PROJECT AGREEMENT
BETWEEN AID AND

THE CABINET SECRETARIAT

AN AGENCY OF THE GOVERNMENT OF
THE REPUBLIC OF INDONESIA

1. Project/Activity No.
497-11-999-000

PAGE 3 OF 9 PAGES

2. Agreement No.
Obl. 10032

3. Original or
Revision No. _____

3. Project/Activity Title
TECHNICAL SUPPORT
(Feasibility Studies & Surveys) -
Central Java Electric Power Studies

| | | | |
|------------------------|----------|-----------|--------------------------------|
| PIO/T 00128 | Original | \$250,000 | L.R.P.S & Tuntang Transmission |
| | Amend. 2 | 13,000 | 1st Major Power Increment |
| | Amend. 3 | 7,400 | Ketenger Rehab. |
| | Amend. 4 | 12,300 | 1st Major Power Increment |
| | | \$282,700 | FY 1970 |
| PIO/T Pending | | 20,100 | FY 1971 |
| | | \$302,800 | Total Sub-obligation |
| Contr. AID/ea-108 Org. | | 228,000 | L.R.P.S & Tuntang Transmission |
| | Amend. 1 | 4,400 | Partic. Travel |
| | | \$232,400 | |
| | Pending | 47,200 | 1st Major Power Increment |
| | Pending | 23,200 | Ketenger Rehab. |
| | | \$302,800 | Est. Total Contract Ceiling |

b. The following Annexes form a part of this ProAg:

ANNEX A - PROJECT DESCRIPTION

- A. Background
- B. Description
- C. Specific Commitments of the Parties Hereto:

- 1. The Government of the United States of America
- 2. The Government of the Republic of Indonesia

ANNEX B - The Standard Provision Annex

For the Cooperating Government or Agency

For the Agency for International Development

SIGNATURE: _____ DATE: _____

SIGNATURE: _____ DATE: _____

TITLE: _____

TITLE: _____

**PROJECT AGREEMENT
BETWEEN AID AND**

1. Project/Activity No.
197-11-999-000

PROAG

THE CABINET SECRETARIAT

2. Agreement No.
ObL 10032

3. Original or
Revision No. _____

CONTINUATION
SHEET
71 - 4
ANNEX A

AN AGENCY OF THE GOVERNMENT OF
THE REPUBLIC OF INDONESIA

3. Project/Activity Title
TECHNICAL SUPPORT
(Feasibility Studies & Surveys) -
Central Java Electric Power Studies

ANNEX A PROJECT DESCRIPTION

A. Background

1. First Major Power Increment

The background data for this projected study was covered in Revision No. 6 to ProAg No. 70 - 5. It is planned that this feasibility study of the first major power increment will be performed under Contract No. AID/ea-108 with C. T. Main International Inc. in conjunction with the Central Java Long-Range Planning Study.

2. Rehabilitation of Selected Distribution Networks

As outlined in Revision No. 8 to ProAg No. 70 - 5 C. T. Main International Inc. under Contract No. AID/ea-108 is performing a Long-Range Planning Study for Central Java. This study will identify those load centers in the Ketenger system which show the greatest potential for growth and the greatest need for rehabilitation. Therefore by contract Amendment to Contract AID/ea-108 C. T. Main would perform a feasibility grade study and analysis of these selected load centers directed towards the rehabilitation and improvement of the distribution system.

B. Description

1. First Major Power Increment in Central Java

It is contemplated that the following outline scope of work be included in an amendment to Contract AID/ea-108:

a. Preliminary Site Investigations and Cost Estimates

For each proposed site:

1. Determine site availability and its probable cost.

2. Prepare a preliminary site plan and make sufficient soil borings and tests to permit making a reasonable estimate of the type of foundations required for the main plant, intake structure and substation/switching structure and their probable cost. Include copies of the geologic log for each drill hole in the report.

3. Determine the availability and cost of fuel and obtain sufficient site information to make a reasonable estimate of the cost of docks, piers, and other fuel unloading and handling equipment.

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

THE CABINET SECRETARIAT

AN AGENCY OF THE GOVERNMENT OF
THE REPUBLIC OF INDONESIA

1. Project/Activity No.
497-11-999-000

2. Agreement No.
Obl. 10032

3. Project/Activity Title
TECHNICAL SUPPORT
(Feasibility Studies & Surveys) -
Central Java Electric Power Studies

PAGE 5 OF 9 PAGES

3. Original or
Revision No. _____

4. Determine the availability of cooling water and obtain sufficient site information to make a reasonable estimate of the cost of intake structure and circulating water system. If a fresh water source is available, determine whether the supply is adequate for year-round use.

5. Determine measures necessary to meet air and thermal pollution limitations and prepare cost estimates.

6. Determine site improvements required in sufficient detail to make a reasonable cost estimate.

7. Determine requirement for access roads, railroad spur, and/or other access as necessary for the construction or operation of the plant in sufficient detail to make a reasonable estimate of the cost.

8. Determine the requirements for transmission lines and related facilities necessary to deliver power into the Tuntang System Grid in sufficient detail to make a reasonable cost estimate.

b. Site Comparison

The contractor will submit to PLN and USAID the following cost estimates for the alternative sites:

1. Differential Investment Cost by items separated into dollar and local currency costs. Consider all items of plant cost which are determined by the location of the plant.

2. Equivalent Differential Investment Cost. - This will include the differential investment cost determined in 1. above and the capitalized value of other items of cost which are determined by the site. This will include, among other things, differential fuel costs, capacity and energy loss of the transmission system, and the capacity and energy loss of the circulating water system.

c. Feasibility Study

Upon receipt of notification by PLN of the site chosen for the proposed power plant the contractor will prepare the feasibility study.

The Study should be prepared in accordance with AID M.O. 1221.2 "Feasibility Studies, Economic and Technical Soundness Analysis, Capital Projects". It will include, but not be limited to the following:

For the Cooperating Government or Agency

For the Agency for International Development

SIGNATURE: _____ DATE: _____

SIGNATURE: _____ DATE: _____

TITLE: _____

TITLE: _____

**PROJECT AGREEMENT
BETWEEN AID AND**

THE CABINET SECRETARIAT

AN AGENCY OF THE GOVERNMENT OF
THE REPUBLIC OF INDONESIA

1. Project/Activity No.
497-11-999-000

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2. Agreement No.
Obl. 10032

3. Original or
Revision No. _____

3. Project/Activity Title
TECHNICAL SUPPORT
(Feasibility Studies & Surveys) -
Central Java Electric Power Studies

1. Site plan.
2. General arrangement drawings.
3. Outline specifications for major equipment.
4. Detailed capital cost estimate including final design and construction. Contractor will make any additional soil borings and analysis as may be necessary for him to refine his preliminary cost estimates for major foundations.
5. Benefit/Cost analysis and economic justification including annual operating costs.
6. Implementation plan and construction schedule.

2. Special study of the technical and economic feasibility of early rehabilitation and improvement of the electric power distribution networks in selected major load centers of the KETENGER SYSTEM in Central Java:

Based upon the Contractor's investigations and system data developed from the Long-Range Planning Study, the Contractor will identify and select those load centers having the greatest need for rehabilitation and the greatest potential for growth. For each of those selected load centers (which-presumably but not necessarily - will include Tjilatjap, Pemalang, Pekalongan, Purwokerto and Tegal), the Contractor shall study the technical and economic feasibility of early rehabilitation and improvement of the electrical distribution networks, together with attendant generation and sub-transmission facilities. The Contractor shall incorporate his findings into a report which shall conform with the requirements of AID M.O. 1221.2, "Feasibility Studies, Economic and Technical Soundness Analyses, Capital Project". The Contractor's report shall include - but need not be limited to - the following:

1. A description and analysis of existing distribution and sub-transmission facilities in each of the load centers recommended for early rehabilitation and improvement, including data on power losses, service deficiencies, etc.
2. A description of the work required in each location to provide an adequate, reliable, safe and economical distribution and sub-transmission system, based on accepted public utilities practice for standard overhead systems.

For the Cooperating Government or Agency

For the Agency for International Development

SIGNATURE: _____ DATE: _____

SIGNATURE: _____ DATE: _____

TITLE: _____

TITLE: _____

PROJECT AGREEMENT

BETWEEN AID AND

THE CABINET SECRETARIAT

AN AGENCY OF THE GOVERNMENT OF
THE REPUBLIC OF INDONESIA

1. Project/Activity No.
497-11-999-000

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2. Agreement No.
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3. Original or
Revision No. _____

3. Project/Activity Title
TECHNICAL SUPPORT
(Feasibility Studies & Surveys) -
Central Java Electric Power Studies

3. An analysis of present and future power demands in each of the major load centers for which rehabilitation and/or improvement is recommended for the immediate future, assuming that a major power generation increment will be added to the Tuntang System by 1975 and that an adequate Tuntang/Ketenger transmission line tie will be completed by that date.

4. An analysis of the total diesel and hydro power generating capacity available to each of the major load centers in which early rehabilitation and/or improvement is recommended, including:

a. Description and evaluation of all existing generating units; consideration of those units planned for early installation under current FGR (KFW) credits;

b. Recommendation for the repair, replacement or abandonment of each of the units described and evaluated; and

c. Recommendation with respect to such interim generating units as the Contractor's analysis shows are required for early installation to supplement existing generating units pending the development of a major systemwide power supply.

5. A detailed summary description of all work recommended for immediate accomplishment including, for each item of work, an estimate of foreign exchange cost (U.S. Dollar and/or Third Country as appropriate) and local (Rupiah) cost.

6. Recommendations and cost estimate with respect to engineering in-put required for design, supervision and consulting services.

7. Analyses, recommendations and cost estimates with respect to any in-put of training, management, equipment and spare parts which, in the opinion of the Contractor, may be required to assure a continuing capability on the part of the PLN to operate and maintain the rehabilitated, improved and new facilities recommended for early installation.

8. A work plan and implementation schedule.

For the Cooperating Government or Agency

For the Agency for International Development

SIGNATURE: _____ DATE: _____

SIGNATURE: _____ DATE: _____

TITLE: _____

TITLE: _____

PROJECT AGREEMENT

BETWEEN AID AND

THE CABINET SECRETARIAT

AN AGENCY OF THE GOVERNMENT OF
THE REPUBLIC OF INDONESIA

1. Project/Activity No.

497-11-999-000

2. Agreement No.

ObL 10032

3. Project/Activity Title

TECHNICAL SUPPORT

(Feasibility Studies & Surveys) -

Central Java Electric Power Studies

3. Original or

Revision No. _____

PROAG
CONTINUATION
SHEET
71 - 4
ANNEX A

C. Specific Commitments of the Parties Hereto:

1. The Government of the United States of America, through its Agency for International Development, agrees:

a. To provide foreign exchange (U.S. Dollar) funds on a grant basis, in an amount not to exceed the total shown in Block 8 (B) on page 1 of this ProAg for the purpose of effecting the work and services described in Section B, above;

b. To use its best offices toward executing an amendment to the Chas. T. Main Contract No. AID/ea-108 for the performance of the two feasibility studies described in Section "B" of this ANNEX "A" or to make suitable alternate arrangements for the performance of these studies; and

c. To provide, in the furtherance of this Agreement, such part-time services and support, from its staffs in Indonesia and in the United States, as may be required for the implementation, administration and monitoring of the activities for which specific provision is made herein.

2. The Government of the Republic of Indonesia, through its Department of Public Works and Electric Power, its Perusahaan Listrik Negara (PLN), and such other agencies as may be directly affected, agrees:

a. To provide and support a counterpart staff of not less than four electrical engineers or qualified technicians to work directly with assigned contractor personnel in the performance of the work described in Section "B" of this ANNEX "A";

b. To make available such draftsmen, surveyors, accountants and data-research personnel as may reasonably be required from time to time in direct support of the work described in Section "B" of this ANNEX "A";

c. To provide and maintain adequate vehicles for local and on-the-job transportation of contractor and counterpart personnel, as required to fully support the work described in Section "B" of this ANNEX "A";

d. To provide such office space, office equipment, clerical services and secretarial services as are required to support the feasibility study teams, are not readily available from USAID, and have not previously been made available under the provisions of ProAg No. 70-5 in support of other work undertaken pursuant to Contract No. AID/ea-108;

For the Cooperating Government or Agency

For the Agency for International Development

SIGNATURE: _____ DATE: _____

SIGNATURE: _____ DATE: _____

TITLE: _____

TITLE: _____

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PROAG
CONTINUATION
SHEET
71 - 4
ANNEX A

PROJECT AGREEMENT
BETWEEN US AND
THE CABINET SECRETARIAT

AN AGENCY OF THE GOVERNMENT OF
THE REPUBLIC OF INDONESIA

1. Project/Agency No.
AB7-13-999-000

2. Project No.
001-0002

3. Title of Project
(Official Name)
Feasibility Studies & Survey of
Central Java Electric Power Studies

PAGE 9 OF 11 PAGES

4. Original or
Reproduction No. _____

e. To provide access to - and usage of - such maps, data and reference material available to the user described in Section "B" of this ANNEX "A" as are available to - or are under the control of - the Government of Indonesia; and

f. To provide for payment of local per diem and local air and rail travel in Indonesia by the USAID, exclusive to contract personnel from the Kupiah Trust and necessary support staff in accordance with the USAID/Indonesia, as required to support the two feasibility studies described herein. The following estimate of Kupiah costs to be paid from the Trust Fund Account is cited (in terms of U.S. Dollar equivalent) for planning purposes only:

(1) Kotenger System Feasibility Study:
(As developed in Rev. No. 8 to Proag 70 - 5) \$ 4,220

(2) First Major Power Increment
(in lieu of estimated costs cited
in Section 2-2-3 (4) of ANNEX "A"
of Rev. No. 6 to Proag 70 - 5): 6,780

1 man 10 days @ \$30 = 300

3 man 90 days @ 22 = 5,940

1 man 20 days @ 22 = 440

4 RT, Semarang-Djakarta 100

\$6,780

Total Two Studies \$11,000

For the Cooperating Government or Agency

For the Agency for International Development

SIGNATURE: _____ DATE: _____

SIGNATURE: _____ DATE: _____

TITLE: _____

TITLE: _____

**PROAG
STANDARD
PROVISIONS
ANNEX**

**PROJECT AGREEMENT
BETWEEN AID AND
THE CABINET SECRETARIAT
AN AGENCY OF THE GOVERNMENT OF
THE REPUBLIC OF INDONESIA**

1. Project/Activity No.

197-11-999-000

2. Agreement No.

10032

3.

Original or Revision No. _____

A. As used herein, the term "AID" refers to the Agency for International Development, any component agency, or any successor agency. References to "this Project Agreement" shall mean the original Project Agreement as modified by any revisions which have entered into effect.

B. (1) AID will make available the amounts specified in Block 8 of this Project Agreement, as necessary for the project, for use for the designated purposes and as may be further described in Annex A, as required by Block 5 hereof. In addition, as may be further specified in Annex A, AID will, subject to the availability of funds and (where required by AID procedures) as provided for in Project Implementation Orders (PIOs) issued by AID in accordance with its procedures, make available funds (a) to pay costs of furnishing technical services to be performed by United States Government employees in connection with the project, (b) to pay a share of the costs of providing training outside the cooperating country in connection with the project for qualified persons from the cooperating country, and (c) to pay such additional costs as may be specified.

(2) The Cooperating Government Agency will make available the amounts specified in Block 9 of this Project Agreement, as necessary for the project, for use for the designated purposes and as may further be described in Annex A. The Cooperating Government Agency will also make, or arrange to have made, additional contributions of property, services, facilities and funds required for carrying out the project as may be specified in Annex A, or as may subsequently be agreed upon by the two parties.

C. AID and the Cooperating Agency may obtain the assistance of other public and private agencies in carrying out their respective obligations under this Project Agreement. The two parties may agree to accept contributions of property, services, facilities and funds for purposes of this Project Agreement from other public and private agencies, and may agree upon the participation of any such third party in carrying out activities under this Project Agreement.

D. AID shall not be required to make any contribution after the expiration of six months following the estimated final contribution date (Block 13 of the Project Agreement form AID 1330-1) or any amended final contribution date specified herein. Except as otherwise specified herein or subsequently agreed

by the parties, all contributions of the Cooperating Agency pursuant to this Project Agreement shall be made on or before said estimated termination date, or amended date. A contribution of goods or services shall be considered to have been made when the goods or services, provided or financed by the contributing party, are delivered in accordance with commercial practice.

E. The procurement of commodities and contract services to be financed in whole or in part by AID may (where so required by AID procedures) be undertaken only pursuant to PIOs issued by AID in accordance with its procedures.

F. Unless otherwise specified in the applicable PIO, the procurement of commodities financed with the AID contribution referred to in Block 8 of this Project Agreement shall be subject to the provisions of AID Regulation 1.

G. Unless otherwise specified in the applicable PIO, title to all property procured through financing by AID pursuant to Block 8(c) of this Project Agreement shall be in the Cooperating Agency, or such public or private agency as it may authorize. This provision is inapplicable to any property which may be used in connection with the project but is not financed pursuant to said Block 8(c).

H. Any property furnished to either party through financing by the other party pursuant to this Project Agreement shall, unless otherwise agreed by the party which financed the procurement, be devoted to the project until completion of the project, and thereafter shall be used so as to further the objectives sought in carrying out the project. Either party shall offer to return to the other, or to reimburse the other for, any property which it obtains through financing by the other party pursuant to this Project Agreement which is not used in accordance with the preceding sentence.

I. (1) If AID and any public or private organization furnishing commodities through AID financing for operations hereunder in the cooperating country, is, under the laws, regulations or administrative procedures of the cooperating country, liable for customs duties and import taxes on commodities imported into the cooperating country for purposes of carrying out this Project Agreement, the Cooperating Agency will pay such duties and taxes unless exemption is otherwise provided by any applicable international agreement.

(2) If any personnel (other than citizens and residents of the cooperating country), whether United

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States Government employees, or employees of public or private organizations under contract with, or individuals under contract with, AID, the Cooperating Agency or any agency authorized by the Cooperating Agency, who are present in the cooperating country to provide services which AID has agreed to furnish or finance under this Project Agreement, are, under the laws, regulations or administrative procedures of the cooperating country, liable for income and social security taxes with respect to income upon which they are obligated to pay income or social security taxes to the Government of the United States of America, for property taxes on personal property intended for their own use, or for the payment of any tariff or duty upon personal or household goods brought into the cooperating country for the personal use of themselves and members of their families (not including such personal or household goods as may be sold by any such personnel in the cooperating country), the Cooperating Agency will pay such taxes, tariff, or duty unless exemption is otherwise provided by any applicable international agreement.

J. Any personnel (other than citizens and residents of the cooperating country), whether United States Government employees, or employees of public or private organizations under contract with, or individuals under contract with, AID, the Cooperating Agency or any agency authorized by the Cooperating Agency, who are present in the cooperating country to provide services which AID has agreed to furnish or finance under this Project Agreement shall be subject to the approval of the Cooperating Agency and AID, and shall be under the general direction of the Director of the Mission to the cooperating country.

K. If any commodity is furnished to the Cooperating Agency, or any public or private agency authorized by the Cooperating Agency, on a grant basis through financing by AID pursuant to this Project Agreement under arrangements which will result in the accrual of proceeds to the Cooperating Agency or any authorized agency and if the applicable agreement between the two governments referred to on the first page of this Project Agreement does not provide for the establishment of a Special Account and the deposit therein of currency of the cooperating country, the Cooperating Agency will make such arrangements as may be necessary to establish a Special Account and to deposit therein currency of the cooperating country in amounts equal to such proceeds, in accordance with such terms and conditions as may be agreed upon. Funds in the Special Account may be used only as agreed upon by AID and the Cooperating Agency; provided, that such portion of the funds in the Special Account as may be designated by AID shall be made available to AID to meet the requirements of the United States.

L. The Cooperating Agency will make such arrangements as may be necessary so that funds intro-

duced into the cooperating country by AID or any public or private agency for purposes of carrying out obligations of AID hereunder shall be convertible into currency of the cooperating country at the highest rate which, at the time the conversion is made, is not unlawful in the cooperating country.

M. AID shall expend funds and carry on operations pursuant to this Project Agreement only in accordance with the applicable laws and regulations of the United States Government.

N. The two parties shall have the right at any time to observe operations carried out under this Project Agreement. Either party during the term of the Project and three years after the completion of the project, shall further have the right (1) to examine any property procured through financing by that party under this Project Agreement, wherever such property is located, and (2) to inspect and audit any records and accounts with respect to funds provided by, or any properties and contract services procured through financing by, that party under this Project Agreement, wherever such records may be located and maintained. Each party, in arranging for any disposition of any property procured through financing by the other party under this Project Agreement, shall assure that the rights of examination, inspection and audit described in the preceding sentence are reserved to the party which did the financing.

O. Upon completion of the project, a Completion Report shall be drawn up, signed by appropriate representatives of AID and the Cooperating Agency, and submitted to AID and the Cooperating Agency. The Completion Report shall include a summary of the actual contributions by both AID and the Cooperating Agency to the project, and shall provide a record of the activities carried out, the objectives achieved, and related basic data. AID and the Cooperating Agency shall each furnish the other with such information as may be needed to determine the nature and scope of operations under this Agreement and to evaluate the effectiveness of such operations.

P. The present Agreement shall enter into force when signed. Either party may terminate this Project Agreement by giving the other party 30 days written notice of intention to terminate it. Termination of this Project Agreement shall terminate any obligations of the two parties to make contributions pursuant to Blocks 8 and 9 of this Project Agreement, except for payments which they are committed to make pursuant to non-cancellable commitments entered into with third parties prior to the termination of the Project Agreement. It is expressly understood that the obligations under paragraph H relating to the use of property shall remain in force after such termination.

PRO AG

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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 NATIONAL INSTITUTE OF SCIENCES (LIPI)

AN AGENCY OF THE GOVERNMENT OF THE REPUBLIC OF INDONESIA

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 _____
 ECONOMIC COOPERATION AGREEMENT DATE Oct. 16, 1950
 (other) DATE _____

1. PROJECT/ACTIVITY NO. 497-11-999-000 PAGE 1 OF 1 PAGES

2. AGREEMENT NO. Obt. 10071 3. ORIGINAL OR REVISION NO. _____

4. PROJECT/ACTIVITY TITLE
TECHNICAL SUPPORT
(LIPI/NAS Industrial Research Workshop)

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

6. AID APPROPRIATION SYMBOL 72-1111004 7. AID ALLOTMENT SYMBOL 154-50-497-00-69-11

| 8. AID FINANCING | PREVIOUS TOTAL (A) | INCREASE (B) | DECREASE (C) | TOTAL TO DATE (D) |
|---|--------------------|--------------|--------------|-------------------|
| <input checked="" type="checkbox"/> DOLLARS <input type="checkbox"/> LOCAL CURRENCY | | | | |
| (a) Total | | \$40,500.00 | | \$40,500.00 |
| (b) Contract Services | | \$40,500.00 | | \$40,500.00 |
| (c) Commodities | | | | |
| (d) Other Costs | | | | |
| 9. COOPERATING AGENCY FINANCING - DOLLAR EQUIVALENT | | | | |
| \$1.00 = <u>Rp. 400.-</u> | | | | |
| (a) Total | | \$27,500.00 | | \$27,500.00 |
| (b) Technical and other Services | | \$27,500.00 | | \$27,500.00 |
| (c) Commodities | | | | |
| (d) Other Costs | | | | |

10. SPECIAL PROVISIONS (Use Additional Continuation Sheets, if necessary)
The purpose of this Project Agreement is to obligate funds for the U. S. National Academy of Sciences participation in the LIPI sponsored Industrial Research Workshop. AID/W will issue a Task Order to Contract AID/csd-2584 (NAS) to secure the services outlined in PIO/T 497-000-3-10072.

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

14. FOR THE COOPERATING GOVERNMENT OF AGENCY
Prof. Dr. Sanyono Prawirohardjo
[Signature] 11/6/70
SIGNATURE: _____ DATE: _____
TITLE: President, Institute of Science
LIPI

15. FOR THE AGENCY FOR INTERNATIONAL DEVELOPMENT
Richard M. Cashin
[Signature] 13 Nov 70
SIGNATURE: _____ DATE: _____
TITLE: Director, USAID/Indonesia

USAID Clearances

DL/FE: *[Signature]*

PRO: *[Signature]*

CONTR: *[Signature]*

A/DD: *[Signature]*

JAO(ERP) draft
TDMorse: mh
11/6/70

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 CABINET SECRETARIAT

PRO AG

AN AGENCY OF THE GOVERNMENT OF INDONESIA

SIGNATURE: *Daudi Kadarasan*
Maj. Gen. Daudi Kadarasan, Secretary
General, Dept. of Public Works and
Electric Power

USAID
Clearances:
ENCR: *[initials]*
PROG: *[initials]*
CONT: *[initials]*

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

1. PROJECT/ACTIVITY NO. 497-11-999-000 PAGE 1 OF 1 PAGES
2. AGREEMENT NO. 71-4 3. ORIGINAL OR OBL. No. 10032 REVISION NO. 2
4. PROJECT/ACTIVITY TITLE TECHNICAL SUPPORT
(1) Djakarta-Tjirebon Highway Feas. Study
(2) Semarang-Surabaya Highway Feas. Study

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 _____
 ECONOMIC COOPERATION AGREEMENT Bilateral DATE 16 Oct 1950
 (other) DATE _____

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

6. AID APPROPRIATION SYMBOL 72-1111004 7. AID ALLOTMENT SYMBOL 154-50-497-00-69-11

| 8. AID FINANCING | PREVIOUS TOTAL (A) | INCREASE (B) | DECREASE (C) | TOTAL TO DATE (D) |
|---|--------------------|--------------|--------------|-------------------|
| <input checked="" type="checkbox"/> DOLLARS <input type="checkbox"/> LOCAL CURRENCY | | | | |
| (a) Total | 24,100 | 600,000 | | 624,100 |
| (b) Contract Services | 24,100 | 600,000 | | 624,100 |
| (c) Commodities | | | | |
| (d) Other Costs | | | | |

9. COOPERATING AGENCY FINANCING - DOLLAR EQUIVALENT

\$1.00 =

(a) Total In kind and Rupiah Trust Fund support as cited in

(b) Technical and other Services paragraph C-2 of Annex A of this Revision of this

(c) Commodities ProAg.

(d) Other Costs

10. SPECIAL PROVISIONS (Use field and continue sheets if necessary)

a. This ProAg provides funds for engineering and economic feasibility studies covering: (a) that portion of the national highway system between Djakarta and Tjirebon; and (b) that portion between Semarang and Surabaya. These projects are on the priority list of highways for improvement prepared by BAPPENAS and are planned for early implementation by the Directorate General of Highways, Department of Public Works & Electric Power.

11. DATE OF ORIGINAL AGREEMENT 22 August 1970 12. DATE OF THIS REVISION December 31, 1970 13. ESTIMATED FINAL CONTRIBUTION DATE 22 August 1973

14. FOR THE COOPERATING GOVERNMENT OR AGENCY
[Signature] Sudharmono, S.H.
Brig. Gen. T.N.I.
SIGNATURE: _____ DATE: 12/31/70
TITLE: Chairman, Coordinating Committee of Foreign Technical Cooperation

15. FOR THE AGENCY FOR INTERNATIONAL DEVELOPMENT
Richard M. Cashin
[Signature] Richard M. Cashin
SIGNATURE: _____ DATE: 12/31/70
TITLE: Director, USAID/Indonesia

PROJECT AGREEMENT
BETWEEN AID AND

THE CABINET SECRETARIAT

AN AGENCY OF THE GOVERNMENT OF
INDONESIA

1. Project/Activity No.
497-11-999-000

2. Agreement No. 71-4
OBL. No. 10032

3. Project/Activity Title
TECHNICAL SUPPORT (Djakarta-Tjirebon
and Semarang-Surabaja Highway
Feasibility Studies)

3. Original or
Revision No. 2

Special Provisions - (Continued)

b. The following Annexes form a part of this ProAg:

ANNEX A - PROJECT DESCRIPTION:

- A - Background *
- B - Description *
- C - Specific Commitments of the Parties thereto:
 1. The United States of America *
 2. The Republic of Indonesia *

ANNEX B - THE STANDARD PROVISIONS ANNEX **

* Pertinent only to the work funded under this Rev. No. 2.

** Attached to the original ProAg; equally applicable to this Rev. No. 2.

For the Cooperating Government or Agency

For the Agency for International Development

SIGNATURE: _____ DATE: _____
TITLE: _____

SIGNATURE: _____ DATE: _____
TITLE: _____

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PROJECT AGREEMENT
BETWEEN AID AND
THE CABINET SECRETARIAT
AN AGENCY OF THE GOVERNMENT OF
INDONESIA

1. Project/Activity No.
497-11-999-000
2. Agreement No. 71-4
OBL. No. 10032
3. Project/Activity Title
TECHNICAL SUPPORT (Djakarta-Tjirebon
and Semarang-Surabaja Highway
Feasibility Studies)

PAGE 3 OF 6 PAGES
3. Original or
Revision No. 2

ANNEX "A"
PROJECT DESCRIPTION

A. BACKGROUND:

1. KAMPSAX-BERGER Summary Report, Part I and Part V, Indonesia 1968-1970 Highway Services dated October 1969.
2. By Ltr. No. 1382/Set. Kab./IN/9/70, dated 9 September 1970, the Government of the Republic of Indonesia has requested the United States Agency for International Development to provide technical assistance for feasibility studies for both the Djakarta-Tjirebon and the Semarang-Surabaja sections of the national highway system (as part of the Trans-Java Highway).

B. DESCRIPTION:

1. An engineering and economic analysis of the proposed Djakarta-Tjirebon Highway will involve consideration of at least four possible alternate routes. The approximate distance (which will vary, depending upon the route chosen) is 250 Km.
2. The Semarang-Surabaja Highway is expected to follow approximately the route of the existing highway, and will involve reconstruction and possible improvement of alignment. The distance is roughly 310 Km.

C. SPECIFIC COMMITMENTS OF THE PARTIES THERETO:

1. The Government of the United States of America, through its Agency for International Development, agrees:
 - a. To provide funds on a grant basis, in an amount not to exceed the total shown in Block 8 on page 1 of this agreement, or in subsequent revisions pertaining hereto, for the purpose of conducting feasibility studies pertinent to two sections of the Trans-Java Highway: (a) between Djakarta and Tjirebon and (b) between Semarang and Surabaya.

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

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

PROJECT AGREEMENT
BETWEEN AID AND

1. Project/Activity No.
497-11-999-000

PROAG
CONTINUATION
SHEET

THE CABINET SECRETARIAT

2. Agreement No. 71-4
OBL. No. 10032

3. Original or
Revision No. 2

ANNEX A

AN AGENCY OF THE GOVERNMENT OF
INDONESIA

3. Project/Activity Title
TECHNICAL SUPPORT (Djakarta-Tjirebon
and Semarang-Surabaja Highway
Feasibility Studies)

b. To use its best offices in contracting for engineering and economic feasibility studies of these projects which will (a) provide a sound basis for selecting the optimum route for a paved highway between Djakarta and Tjirebon and (b) define the degree of improvements in alignment and general reconstruction which must be accomplished on the Semarang to Surabaya highway to bring it to the desired national highway system standard. These feasibility studies will conform to the accepted standards required by AID for establishing the economic and technical soundness of capital projects. Specifically, the work to be accomplished under this Rev. No. 2 will meet the requirements of A. I. D. Manual Order No. 1221.2, the "Feasibility Studies Manual".

c. To provide, in the furtherance of this agreement, such part time services and support from its staff in Indonesia and in the United States as required for the implementing, administering and monitoring of these projects.

2. The Government of the Republic of Indonesia through its Directorate General of Highways, Department of Public Works & Electric Power, agrees:

a. To designate a well qualified Liaison Officer for the project, to work directly with the Consultant. This Liaison Officer will represent the Government in ensuring that the Consultant has access to all information available that would be useful in the studies and that full coordination is maintained with all interested agencies of the Government of Indonesia. Further, the Liaison Officer will be given full authority to schedule and implement the support measures for which the Government of Indonesia undertakes responsibility pursuant to succeeding subparagraphs of this section.

For the Cooperating Government or Agency

For the Agency for International Development

SIGNATURE: _____ DATE: _____
TITLE: _____

SIGNATURE: _____ DATE: _____
TITLE: _____

PROJECT AGREEMENT
BETWEEN AID AND
THE CABINET SECRETARIAT
AN AGENCY OF THE GOVERNMENT OF
INDONESIA

1. Project/Activity No.
497-11-999-000

2. Agreement No. 71-4
OBL. No. 10032

3. Project/Activity Title
TECHNICAL SUPPORT (Djakarta-Tjirebon
and Semarang-Surabaja Highway
Feasibility Studies)

PAGE 5 OF 6 PAGES

3. Original or
Revision No. 2

- b. To provide and maintain adequate vehicles (not less than three (3) vehicles, jeep-type or station wagons, not sedans, for each of the two sections) for local and on-the-job transportation of consultant's personnel as required to fully support the work described in Section "B" of this ANNEX "A".
- c. To provide and support such engineers, surveyors, draftsmen (tracers), soil samplers and traffic data research personnel as may reasonably be required in direct support of the work described in Section "B" of this ANNEX "A". All counterpart people will be expected to devote full time with the Consultants on their respective projects. This will preclude their working at a second (or a third) job which they must do now to supplement their basic income from Bina Marga. In keeping with the "bonus system" used by the Kampsax-Berger World Bank team, the Consultants will arrange to pay bonuses to all counterpart personnel in amounts according to position and on the same scale as paid by the Kampsax-Berger team.
- d. To provide such office space (in Bandung and/or in selected field headquarters locations), as required by the feasibility study teams.
- e. To provide access to - and usage of - such maps, data and reference materials pertinent to the work described in Section "B" of this ANNEX "A" as are available to the Government of Indonesia.

f. The following estimate

For the Cooperating Government or Agency

For the Agency for International Development

SIGNATURE: _____ DATE: _____
TITLE: _____

SIGNATURE: _____ DATE: _____
TITLE: _____

5

PROAC
CONTINUATION
SHEET

ANNEX A

PROJECT AGREEMENT
BETWEEN AID AND

THE CABINET SECRETARIAT

AN AGENCY OF THE GOVERNMENT OF
INDONESIA

1. Project/Activity No.
497-11-999-000

2. Agreement No. 71-4
OBL. No. 10032

3. Project/Activity Title
TECHNICAL SUPPORT (Djakarta-Tjirebon
and Semarang-Surabaja Highway
Feasibility Studies)

PAGE 6 OF 6 PAGES

3. Original or
Revision No. 2

of Rupiah costs to be paid from the Trust Fund Account is cited (in terms of U. S. Dollar equivalent) for planning purposes only:

Local air and rail travel \$ 510

Local per diem:

Djakarta, 525 Man Days @ \$30 \$15,750

Field, 1920 Man Days @ \$22 \$42,240

Est. TOTAL: \$58,500

For the Cooperating Government or Agency

For the Agency for International Development

SIGNATURE: _____ DATE: _____

SIGNATURE: _____ DATE: _____

TITLE: _____

TITLE: _____

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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
BADAN PERENCANAAN DAN PEMBANGUNAN NASIONAL (BAPPENAS)
AN AGENCY OF THE GOVERNMENT OF THE REPUBLIC OF INDONESIA

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 _____
 ECONOMIC COOPERATION AGREEMENT DATE Oct. 16, 1950
 (other) DATE _____

| | |
|---|---|
| 1. PROJECT/ACTIVITY NO. <u>497-11-999-000</u> | PAGE 1 OF 1 PAGES |
| 2. AGREEMENT NO. <u>FY 1971 - 10</u> <u>ObL.10266</u> | 3. <input checked="" type="checkbox"/> ORIGINAL OR REVISION NO. _____ |
| 4. PROJECT/ACTIVITY TITLE <u>TECHNICAL SUPPORT</u> <u>Special Research Grants</u> | |

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

| | |
|--|---|
| 6. AID APPROPRIATION SYMBOL <u>72-1111004</u> | 7. AID ALLOTMENT SYMBOL <u>154-60-497-00-69-11</u> |
|--|---|

| 8. AID FINANCING | PREVIOUS TOTAL (A) | INCREASE (B) | DECREASE (C) | TOTAL TO DATE (D) |
|--|--------------------|---------------|--------------|-------------------|
| <input type="checkbox"/> DOLLARS <input type="checkbox"/> LOCAL CURRENCY | | | | |
| (a) Total | | <u>54,165</u> | | <u>54,165</u> |
| (b) Contract Services /Grants | | <u>54,165</u> | | <u>54,165</u> |
| (c) Commodities | | | | |
| (d) Other Costs | | | | |
| 9. COOPERATING AGENCY FINANCING - DOLLAR EQUIVALENT | | | | |
| \$1.00 = | | | | |
| (a) Total | | <u>None</u> | | |
| (b) Technical and other Services | | | | |
| (c) Commodities | | | | |
| (d) Other Costs | | | | |

10. SPECIAL PROVISIONS (For Additional Guidelines, See II, Appendix)
 As authorized by AID/C Circular A - 1087 dated May 20, 1971, activities under this Agreement may be implemented by use of Letters of Agreement (Grant Agreements) between A.I.D. and the grant recipients, in lieu of PIOs and contracts.

| | | |
|---|---------------------------|---|
| 11. DATE OF ORIGINAL AGREEMENT <u>June 24, 1971</u> | 12. DATE OF THIS REVISION | 13. ESTIMATED FINAL CONTRIBUTION DATE <u>June 30, 1972</u> |
| 14. FOR THE COOPERATING GOVERNMENT OR AGENCY <u>Dr. M. L. Kalim</u> | | 15. FOR THE AGENCY FOR INTERNATIONAL DEVELOPMENT <u>Ernes. Kenrich</u> |
| SIGNATURE: <u>[Signature]</u> DATE: <u>6-29-71</u> TITLE: <u>Vice Chairman, BAPPENAS</u> | | SIGNATURE: <u>[Signature]</u> DATE: <u>6-24-71</u> TITLE: <u>Acting Director, USAID/Djakarta</u> |

USAID Clearance:
 SMD: [Signature]
 PRO: [Signature]
 6/2/71
 CONT: [Signature]

PRO: [Signature]
 6/21/71

PROJECT AGREEMENT

BETWEEN AID AND

NATIONAL DEVELOPMENT PLANNING
AGENCY (BAPPENAS)

1. Project/Activity No.

497-11-999-000

PAGE 2 OF 4 PAGES

2. Agreement No.

FY 1971 - 10

Obl. 10266

3. Original or

Revision No. _____

3. Project/Activity Title

TECHNICAL SUPPORT

Special Research Grants

PROAG
CONTINUATION
SHEET

ANNEX A

AN AGENCY OF THE GOVERNMENT OF
THE REPUBLIC OF INDONESIA

I. Purpose

This Project Agreement provides funds for the support of a variety of small-scale but significant research activities to be conducted in Indonesia on topics related to Indonesian development priorities. In addition to the production of the research findings themselves, activities financed under this Agreement are intended to develop the research competence of public and private Indonesian institutions, and to foster cooperative work and interchange of information between Indonesian and foreign scholars and research organizations.

II. Research Projects

The four research projects outlined below have been selected for financing with the funds provided in this Agreement. These projects are to commence in calendar year 1971 and should be completed prior to June 30, 1972. Estimated total costs of each project are also indicated below.

A. Contributions of Out-of-School Education to National Development
(\$3,000)

A large portion of effective learning and skills training takes place outside the formal school system through individual and group contacts in the community, and through organized programs sponsored by public and private agencies and businesses. The purpose of this research project is to identify the out-of-school educational programs and activities currently operating in a variety of rural and urban settings, to assess their contributions to national development efforts, and to identify the major problems and bottlenecks which hinder greater effectiveness. This research constitutes one of six parts of the comprehensive National Assessment of Education Project being conducted by the Ministry of Education, GOI, with the assistance of the Ford Foundation. Funds from this Agreement will finance the costs of field studies to be undertaken with the assistance of universities located near the chosen sites, and the costs of final report production.

B. Environment, Nutrition and Work Efficiency in Three Javanese Villages (\$2,015)

The assumption underlying this ongoing research is that in East Java population increases have outrun rates of technological improvements in

For the Cooperating Government or Agency

For the Agency for International Development

SIGNATURE: _____

DATE: _____

SIGNATURE: _____

DATE: _____

TITLE: _____

TITLE: _____

Handwritten notes:
6/23/71
[Signature]

Handwritten initials:
MA

Handwritten mark:
64

PROAG
CONTINUATION
SHEET

ANNEX A

PROJECT AGREEMENT
BETWEEN AID AND
NATIONAL DEVELOPMENT PLANNING
AGENCY (BAPPENAS)

AN AGENCY OF THE GOVERNMENT OF
THE REPUBLIC OF INDONESIA

1. Project/Activity No.
497-11-999-000

PAGE 3 OF 11 PAGES

2. Agreement No.
FY 1971 - 10 51.10266

3. Original or
Revision No. _____

3. Project/Activity Title
TECHNICAL SUPPORT
Special Research Grants

farming methods, thereby overtaxing limited land resources and decreasing farm sizes and food yields per capita. These conditions may result in an economically significant degree of undernutrition. A rice village, a corn village and a casava village are being studied under an existing Fulbright Grant to: (1) define, analyze and quantify the relationship between field size, crop yield, supplementary income, family size and caloric intake; and (2) define seasonal variations in caloric intakes and work outputs. Funds from this Project Agreement will pay the local costs of completing the research, and translating and publishing the results into Bahasa Indonesia.

C. Urban Growth Problems in Middle-Size Indonesian Cities (\$24,000)

The objective of this research will be to study middle-size city growth problems and assess their negative and positive influences on Indonesian development in the current decade. Grants will be made to public or private Indonesian institutes to study the major contributions and problems facing such cities (for example, Semarang, Surabaya, Medan, Makassar), the adequacy and difficulties involved in providing municipal services, the response of city administration to specific growth problems, and the role of central government assistance versus local technical, managerial, and financial resources applied.

D. Engineering/Construction Capabilities, Costs and Controls in Indonesia (\$19,750)

The purpose of this research is to make four related studies covering: (1) an inventory and analysis of the capabilities of Indonesian firms and agencies in the private and public sectors for the performance of engineering and construction projects, (2) a compilation of statistical data on unit construction costs in Indonesia, (3) a summary and analysis of Indonesian construction codes, safety codes and laws affecting construction personnel and construction practices, and (4) a survey of Indonesian professional, contractor and trade associations pertaining to engineering, architecture and construction. Research findings are expected to contribute to better decision-making on capital projects planning and implementation. The research would be conducted by one or more public or private agencies, associations or firms.

III. Responsibilities and Procedures

A. Pursuant to the purposes of this Agreement stated in Section I

For the Cooperating Government or Agency

For the Agency for International Development

SIGNATURE: _____ DATE: _____

SIGNATURE: _____ DATE: _____

TITLE: _____

TITLE: _____

5

PROJECT AGREEMENT
BETWEEN AID AND
NATIONAL DEVELOPMENT PLANNING
AGENCY (BAPPENAS)

| | |
|---|--|
| 1. Project/Activity No. 497-11-999-000 | PAGE 4 OF 4 PAGES |
| 2. Agreement No. FY 1971 - 10 Obl. 10266 | 3. <input checked="" type="checkbox"/> Original or Revision No. _____ |
| 3. Project/Activity Title TECHNICAL SUPPORT Special Research Grants | |

PROAG
CONTINUATION
SHEET
ANNEX A

AN AGENCY OF THE GOVERNMENT OF
THE REPUBLIC OF INDONESIA

above, USAID will execute grant agreements (or contracts) with Indonesian institutions, organizations, or firms for each of the research projects described in Section II. Prior to signature of the grant agreement (or contract), USAID will transmit a copy of the document to BAPPENAS for comment. If no reply is received by USAID within ten (10) calendar days of transmittal, it will be assumed that BAPPENAS has no comment or objection to execution of the grant agreement (or contract).

B. The grant agreements (or contracts) will specify that a comprehensive final report will be submitted for each research project, sufficiently documented to support the results of the research. At least ten (10) copies of the final report in the Bahasa Indonesian language and two (2) copies in English will be transmitted to BAPPENAS for distribution within GOI as BAPPENAS believes appropriate. USAID will retain three (3) copies in English. Additional reproduction and distribution of the final report will be specified in the individual grant agreements (or contracts).

C. All disbursements of funds provided under this Agreement will be made by USAID directly to the recipients of the grants (or contractors) in accordance with terms and conditions specified in the grant agreements (or contracts). All local costs will be paid in Indonesian rupiah, converted by USAID from the U.S. dollars provided in this Agreement through standard procedures.

For the Cooperating Government or Agency

For the Agency for International Development

SIGNATURE: _____ DATE: _____
TITLE: _____

SIGNATURE: _____ DATE: _____
TITLE: _____

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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
 THE MINISTRY OF EDUCATION
 AN AGENCY OF THE GOVERNMENT OF THE REPUBLIC OF INDONESIA

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 sources 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 _____
 ECONOMIC COOPERATION AGREEMENT DATE Oct. 16, 1950
 (other) DATE _____

1. PROJECT/ACTIVITY NO. 197-11-999-000 PAGE 1 OF 1 PAGES
 2. AGREEMENT NO. ObL 20037 3. ORIGINAL OR REVISION NO. _____
 4. PROJECT/ACTIVITY TITLE
STUDIES, SURVEYS AND STANDARDS Science Education Survey

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

6. AID APPROPRIATION SYMBOL 72-1121004 7. AID ALLOTMENT SYMBOL 251-50-197-00-69-21

| 8. AID FINANCING | PREVIOUS TOTAL (A) | INCREASE (B) | DECREASE (C) | TOTAL TO DATE (D) |
|---|--------------------|--------------|--------------|-------------------|
| <input checked="" type="checkbox"/> DOLLARS <input type="checkbox"/> LOCAL CURRENCY | | | | |
| (a) Total | | 45,000 | | 45,000 |
| (b) Contract Services | | 45,000 | | 45,000 |
| (c) Commodities | | | | |
| (d) Other Costs | | | | |
| 9. COOPERATING AGENCY FINANCING - DOLLAR EQUIVALENT | | | | |
| \$1.00 = \$1.15 | | | | |
| (a) Total | | \$6,024 | | \$6,024 |
| (b) Technical and other Services | | | | |
| (c) Commodities | | | | |
| (d) Other Costs | | | | |

10. SPECIAL PROVISIONS (See Additional Documentation Sheets, if Necessary)

11. DATE OF ORIGINAL AGREEMENT October 13, 1971 12. DATE OF THIS REVISION _____ 13. ESTIMATED FINAL CONTRIBUTION DATE October 13, 1971

14. FOR THE COOPERATING GOVERNMENT OR AGENCY
Kartomo Wirosuhardjo
 SIGNATURE: _____ DATE: Oct. 6, 1971
 TITLE: Director, Office of Educational Development (BPP)

15. FOR THE AGENCY FOR INTERNATIONAL DEVELOPMENT
Richard M. Lashin
 SIGNATURE: _____ DATE: 10/13/71
 TITLE: Director, USAID/Indonesia

Keesmudi Hardjasuwantari
 Director of Higher Education

USAID Clearance:
 FDU: MA
 PRO: PR
 ON: BT
 CONT: BT

PROJECT AGREEMENT
BETWEEN AID AND

1. Project/Activity No.
497-11-999-000

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THE MINISTRY OF EDUCATION

2. Agreement No.
FY 1972 - 4

3. Original or
Revision No. _____

ANNEX A

AN AGENCY OF THE GOVERNMENT OF
THE REPUBLIC OF INDONESIA

3. Project/Activity Title
STUDIES, SURVEYS AND SEMINARS
Science Education Survey

ANNEX A. Project Description

I. Objective

The key objective of this Project Agreement is to carry out a comprehensive survey of science education as the first step in the preparation of a long range plan for the improvement of basic science education at every level in the educational system.

The nature and scope of the survey will include the following major elements: (1) The development of a profile with supporting data depicting the status of science education in Indonesia at each level of education from primary school through the university; (2) The identification and examination of the major issues and problems in science education in Indonesia; (3) The presentation of alternative strategies for developing science education in Indonesia including specific recommendations to be considered by an Indonesian long term planning committee in science education.

II. Description

A. The Office of Educational Development is currently working on plans for educational development in Indonesia including the second national Five Year Plan. In this planning role, it has responsibility for this Science Education Survey. The Office of Educational Development has designated the Indonesian Higher Education Consortium for Science and Technology as the responsible executing agency for the Survey. The National Assessment for Education Office and the Directorate of Higher Education of the Ministry of Education will be key cooperating agencies.

B. The implementation plan will include three stages:

1. Stage One (October 1971 to March 1972)

A comprehensive work plan will be established for conducting the basic science education survey, including the contacting of key ministries, Indonesian institutions and foreign donor agencies interested in the science education sector, the establishment of a steering committee and task forces required to conduct the survey, the collection of relevant source material, the preparation of working papers on the issues and problems in science education in Indonesia, and the development of the final schedule for conducting the survey.

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

1. Project/Activity No.
197-11-999-000

PAGE 3 OF 4 PAGES

PROAG
CONTINUATION
SHEET

THE MINISTRY OF EDUCATION

2. Agreement No.
FY 1972 = 4

3. Original or
Revision No. _____

ANNEX A

AN AGENCY OF THE GOVERNMENT OF
THE REPUBLIC OF INDONESIA

3. Project/Activity Title
STUDIES, SURVEYS AND SEMINARS
Science Education Survey

2. Stage Two (mid April to end of May 1972 - six weeks)

The actual survey of the broad elements of basic science education (outlined in Stage One above) will be conducted by a Joint US-Indonesian Survey Team. Field studies will be carried out covering primary, secondary, technical and higher education programs.

3. Stage Three (June to December 1972)

Based on the results of the survey the Indonesian task force will prepare the final draft of the long range plans for basic science education.

C. In each phase of the project special attention will be devoted to involving the relevant Indonesian institutions and agencies in order to ensure that important linkages are developed:

(a) Within the Ministry of Education -- Office of Educational Development, National Assessment Office, Directorate of Higher Education, and the University Consortia for Science and Technology, Agricultural Sciences, Medical Sciences, and Education and Teacher Training.

(b) With Other GOI Agencies -- L.I.P.I. (Indonesian National Academy of Sciences), and Ministries of Agriculture, Manpower, Home Affairs, Industry, Communications, and Public Works.

(c) With Foreign Agencies -- UNDP, UNESCO, UNICEF, IBRD, Ford Foundation, other elements of USAID, and other potential donor nations.

III. U.S. Contributions

A team of six U.S. specialists will be provided to assist the Indonesian task force in preparing for and conducting the Survey.

Specifically, a Science Education Specialist, who will also be the US team leader, will spend about seven weeks during Stage One assisting the Indonesian authorities in the final preparation of plans for the Survey itself.

During the Survey (Stage Two) the US team leader and five other specialists (two in the physical/natural sciences and one each in mathematics, engineering and technical/vocational education) will help to carry out the Survey.

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**

1. Project/Activity No.
497-11-999-000

THE MINISTRY OF EDUCATION

2. Agreement No.
FY 1972-4

3. Original or
Revision No. _____

**AN AGENCY OF THE GOVERNMENT OF
THE REPUBLIC OF INDONESIA**

3. Project/Activity Title
STUDIES, STUDY AND SEMINARS
Science Education Survey

**PROAG
CONTINUATION
SHEET**

ANNEX A

Finally, the Science Education specialist scheduled to participate in Stages One and Two will spend approximately seven weeks in Indonesia during Stage Three assisting the Indonesian task force in the preparation of the final draft of the long-range plan for basic science education.

Trust Funds in the amount of Rp. 5,006,160 have been budgeted for per diem, secretarial help and travel of the US specialists.

IV. GOI Contributions

A Task Force under the Consortium for Science and Technology and consisting of representatives of the Institute of Technology at Bandung (ITB) and Gadjah Mada University will be established and will carry major responsibility for this Survey.

A budget of Rp. 2.5 million (\$6,024) has already been allocated by the MOE/ITB to cover the expenses of the task forces, collection and analysis of data, and preparation and distribution of reports.

For the Cooperating Government or Agency

For the Agency for International Development

SIGNATURE: _____ DATE: _____
TITLE: _____

SIGNATURE: _____ DATE: _____
TITLE: _____

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
MINISTRY OF PUBLIC WORKS AND POWER
AN AGENCY OF THE GOVERNMENT OF THE REPUBLIC OF INDONESIA

Date: 9 Nov 1971

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
- ECONOMIC COOPERATION AGREEMENT Bilateral DATE Oct. 16, 1950
- (other) DATE

1. PROJECT/ACTIVITY NO. 497-11-999-000 PAGE 1 OF 5 PAGES

2. AGREEMENTY NO. ~~20050~~ FY 1972 - 5 OBL. 3. ORIGINAL OR REVISION NO.

4. PROJECT/ACTIVITY TITLE
STUDIES, SURVEYS AND SEMINARS
Central Java Electric Power Studies

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

6. AID APPROPRIATION SYMBOL 72-1121004 7. AID ALLOTMENT SYMBOL 254-50-497-00-69-21

| 8. AID FINANCING | | PREVIOUS TOTAL (A) | INCREASE (B) | DECREASE | TOTAL TO DATE (D) |
|---|---|--------------------|--------------|----------|-------------------|
| <input checked="" type="checkbox"/> DOLLARS | <input type="checkbox"/> LOCAL CURRENCY | | | | |
| (a) Total | | | 73,000 | | 73,000 |
| (b) Contract Services | | | 73,000 | | 73,000 |
| (c) Commodities | | | | | |
| (d) Other Costs | | | | | |

9. COOPERATING AGENCY FINANCING - DOLLAR EQUIVALENT

10. SPECIAL PROVISIONS (Use Additional Contribution Sheet, if necessary)
Except as specifically changed herein with reference to the new work to be added to Contract No. AID/ea-108, all terms and conditions of previous Project Agreements and PIO/Ts (cited in Part 2 of Annex "B" hereto) remain unchanged.

11. DATE OF ORIGINAL AGREEMENT November 15, 1971

12. DATE OF THIS REVISION

13. ESTIMATED FINAL CONTRIBUTION DATE November 15, 1974

14. FOR THE COOPERATING GOVERNMENT OR AGENCY
Dandi Kadarsan
Secretary General
Ministry of Public Works and Power

15. FOR THE AGENCY FOR INTERNATIONAL DEVELOPMENT
Richard M. Cashin
Director, USAID/Indonesia
DATE: 15 Nov 71

Signature of Mr. Abdul Kadir, President Director, Pempershan Listrik Negara (PLN)

USAID Clearances:
ENCR: [Signature]
DL/PE: [Signature]
PRO: [Signature]
CONT: [Signature]
DD: [Signature]

Signature of B. Kent, ENCR
9/27/71

PROAG
CONTINUATION
SHEETANNEX APROJECT AGREEMENT
BETWEEN AID AND
MINISTRY OF PUBLIC WORKS AND
POWERAN AGENCY OF THE GOVERNMENT OF
THE REPUBLIC OF INDONESIA

1. Project/Activity No.

197-11-999-000

2. Agreement No.

OBL20050

PI 1972 - 5

PAGE 2 OF 5 PAGES

3. Original or
Revision No. _____

3. Project/Activity Title

STUDIES, SURVEYS AND SEMINARS
Central Java Electric Power StudiesPROJECT DESCRIPTION AND EXPLANATIONI. BACKGROUND INFORMATION:

General background data for this project are found in the following references and need not be repeated here:

Pro Ag No. 70 - 5, Original, and Rev. Nos. 6 & 8

Pro Ag No. 71 - 4, Original

PIO/T No. 00128

PIO/T No. 10033

Contract No. AID/ea - 108 with amendments

II. DESCRIPTION:

This PRO AG provides funds for the additional work required by the contractor:

a. To adjust his studies and reports on the Semarang Steam Station and the Ketenger Transmission and Distribution System to conform to the 150/70 kv transmission standard adopted by PLN (lines 1 and 2, Annex B.1.);

b. To evaluate the effect on the Central Java power system of possible increased requirements at Tjilatjap due to the proposed construction of a Pertamina refinery there;

c. To conduct additional soils analyses for an alternative power plant location (included in line 3 of Annex B.1.); and

d. To cover other additions and cost over-runs in the contract (see Annex B.1. lines 3 and 4).

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 PUBLIC WORKS
AND POWER**

AN AGENCY OF THE GOVERNMENT OF
THE REPUBLIC OF INDONESIA

| | |
|---|--|
| 1. Project/Activity No. 197-11-999-000 | PAGE 3 OF 5 PAGES |
| 2. Agreement No. OBL20050 FY 1972 - 5 | 3. <input checked="" type="checkbox"/> Original or Revision No. _____ |
| 3. Project/Activity Title STUDIES, SURVEYS AND SEMINARS Central Java Electric Power Studies | |

III. SPECIFIC COMMITMENTS OF THE PARTIES HERETO:

A. The Government of the United States of America, through its Agency for International Development, agrees:

1. To provide foreign exchange (U.S. Dollar) funds on a grant basis, in an amount not to exceed the total shown in Block 8 on Page 1 of this PRO AG for the purpose of effecting the work and services described in II above;

2. To use its best offices toward executing an amendment to contract No. AID/ea 108 which will provide for the performance of the work described herein;

3. To provide, in the furtherance of this Agreement, such part-time services and support from its staff in Indonesia and in the United States of America as may be required in the implementation, administration and monitoring of the activities for which specific provision is made herein; and

4. To provide approximately Rp 150,000 from the USAID Rupiah Trust Fund for payment to contract personnel of local per diem and local air and rail travel in Indonesia as required to support the activities described herein.

B. The Government of the Republic of Indonesia, through its Department of Public Works and Electric Power, its Perusahaan Listrik Negara (PLN), and such other agencies as may be directly affected, agrees:

1. To provide and support an adequate counterpart staff to work with the AID-financed contractor in the performance of the work described herein;

2. To provide and maintain vehicles (with drivers) as required for local or on-the-job transportation in direct support of contractor and counterpart personnel engaged in the performance of the work described herein;

3. To provide office space, office equipment, clerical services and secretarial services as required to support the contract personnel in performing the services for which provision is made herein; and

4. To provide access to and usage of such maps, reference materials and data as are available to or under the control of the Government of Indonesia and are required for the performance of the work described herein.

For the Cooperating Government or Agency

SIGNATURE: _____ DATE: _____
TITLE: _____

For the Agency for International Development

SIGNATURE: _____ DATE: _____
TITLE: _____

PROJECT AGREEMENT
BETWEEN AID AND
MINISTRY OF PUBLIC WORKS
AND POWER

AN AGENCY OF THE GOVERNMENT OF
THE REPUBLIC OF INDONESIA

1. Project/Activity No.
197-11-999-000

2. Agreement No. OBL20050
FY 1972-5

3. Project/Activity Title

STUDIES, SURVEYS AND SEMINARS
Central Java Electric Power Studies

3. Original or
Revision No. _____

ANNEX B

1. The additional funds required for Contract No. AID/ea-108 have been computed as follows:

| | | |
|-----|---|----------------|
| 1. | Semarang Steam Plant Extras | \$ 18,893 |
| 2. | Katenger System Extras | 23,227 |
| 3. | Added soils exploration; review of West German report; attendance at PLN-FRG-AID conference | 13,563 |
| 4. | Net overruns | <u>3,995</u> |
| 5. | In excess to Contract Budget | \$ 59,678 |
| 6. | Est. for new work described in PIO/T Block 19.B 1-9. | 23,000 |
| 7. | Total extras and new work | \$ 82,678 |
| 8. | Previous Contract Budget | \$ 276,062 |
| | | 358,740 |
| 9. | Less Local Currency (Rp) amounts | <u>10,452</u> |
| 10. | Adjusted new Contract Budget | \$ 348,288 |
| 11. | Fixed Fee (remains unchanged) | <u>25,800</u> |
| 12. | Est. New Contract Total | \$ 374,088 |
| 13. | Previously funded (See ANNEX B, 2 below). | <u>302,800</u> |
| 14. | Est. Additional Funding Required | \$ 71,288 |
| 15. | Funded herewith (Block 8) | \$ 73,000 |

For the Cooperating Government or Agency

For the Agency for International Development

SIGNATURE: _____ DATE: _____

SIGNATURE: _____ DATE: _____

TITLE: _____

TITLE: _____

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PROJECT AGREEMENT

BY THE AID AND

MINISTRY OF PUBLIC WORKS
AND POWER

AN AGENCY OF THE GOVERNMENT OF
THE REPUBLIC OF INDONESIA

1. Project/Activity No.

497-11-999-000

PAGE 5 OF 5 PAGES

2. Agreement No.

OBL20050

3. Original or

Revision No. _____

3. Project/Activity Title

STUDIES, SURVEYS AND SEMINARS
Central Java Electric Power Studies

PROAG
CONTINUATION
SHEET

ANNEX B

2. Total previous funding, all of which has been provided for Contract No. AID/ea-108 (Charles T. Main International, Inc.), is summarized as follows:

| | |
|----------------------------|----------------|
| PIO/T No. 00128, Original | \$ 250,000 |
| , Amend. No. 1 | - |
| , Amend. No. 2 | 13,000 |
| , Amend. No. 3 | 7,400 |
| , Amend. No. 4 | 12,300 |
| PIO/T No. 10033, Original | <u>20,100</u> |
| TOTAL PREVIOUS FUNDING | \$ 302,800 |

3. References:

Chas. T. Main Ltr. to EA/ENGR, 16 July 1971

Chas. T. Main Ltr. to EA/PROC, 13 August 1971

Chas. T. Main Ltr. to EA/ENGR, 16 August 1971

M. M. Vogel Ltr. to B. E. Kent, 1 September 1971

STATE 160398, 1 September 1971

DJAKARTA 7761, 10 September 1971

For the Cooperating Government or Agency

For the Agency for International Development

SIGNATURE: _____ DATE: _____

SIGNATURE: _____ DATE: _____

TITLE: _____

TITLE: _____

10

PROJECT AGREEMENT

BETWEEN THE DEPARTMENT OF STATE, AGENCY FOR INTERNATIONAL DEVELOPMENT (AID),
AN AGENCY OF THE GOVERNMENT OF THE UNITED STATES OF AMERICA AND
BADAN PERENCANA PEMBANGUNAN NASIONAL (BAPPENAS)
AN AGENCY OF THE GOVERNMENT OF THE REPUBLIC OF INDONESIA

Page

Under the terms of Economic Cooperation Agreement signed October 16, 1950, as amended, and the agreements and provisions noted below, it is agreed to carry out a project in accordance with the terms set forth herein.

- Agreement (Specify) _____
- Standard Provisions Annex. Other (Specify) _____

1. Project No. **XXXXXX Obl. 497-11-999-000 20161** 2. Agreement No. **FY 1972 - 11** 3. Original or Revision No. _____

4. Project/Activity Title **Technical Support** **BAPPENAS Research** 5. Project Descrip. (Annex A) _____

6. Appropriation **72-1121004** 7. Allotment **254-50-497-00-69-21**

| 8. AID DOLLAR FINANCING (U.S. Component) | PREVIOUS TOTAL (B) | INCREASE (B) | DECREASE (C) | TOTAL TO DATE (B) |
|--|--------------------|----------------|--------------|-------------------|
| a. PERSONNEL COSTS (U.S.) | | | | |
| PASA | | | | |
| Contract | | 250,000 | | 250,000 |
| b. LOCAL AND TCM PASA | | | | |
| Contract | | | | |
| c. PARTICIPANTS AID Direct | | | | |
| PASA/Contract | | | | |
| d. COMMODITIES AID Direct | | | | |
| PASA/Contract | | | | |
| e. OTHER COSTS AID Direct | | | | |
| PASA/Contract | | | | |
| 9. TOTAL (ALL COSTS) | | 250,000 | | 250,000 |

| | | | | |
|--|--|---------|--|---------|
| 9. LOCAL CURRENCY FINANCING (Rp. 100 = Rupiah 415) | | | | |
| a. U.S. - OWNED RUMAN | | | | |
| b. GOI TRUST FUND (AND ADAP) | | 555,000 | | 555,000 |
| c. GOI (SHOW SOURCE BELOW) | | | | |

10. REFERENCES AND REMARKS
Special provisions and procedures authorized by STATE 08B197, May 19, 1972.

11. DATE OF ORIGINAL AGREEMENT **June 2, 1972** 12. DATE OF THIS REVISION _____ 13. ESTIMATED FINAL CONTRIBUTION DATE **December 31, 1973**

14. FOR THE COOPERATING GOVERNMENT OF INDONESIA
Dr. Emil Salim
SIGNATURE _____
TITLE **Vice Chairman, BAPPENAS** DATE **6/1/72**

15. FOR THE AGENCY FOR INTERNATIONAL DEVELOPMENT
Richard M. Cashin
SIGNATURE *R. M. Cashin*
TITLE **Director, USAID/Djakarta** DATE **6/2/72**

COPIES
SMD

PROAG
CONTINUATION
SHEETANNEX A

PROJECT AGREEMENT

BETWEEN AID AND
BADAN PERENCANA PEMBANGUNAN
NASIONAL (BAPPENAS)AN AGENCY OF THE GOVERNMENT OF
The Republic of Indonesia1. Project/Activity No. EM/DBS 051
497-11-999-000 20161 PAGE 1 OF 3 PAGES2. Agreement No.
FY 1972-113. Original or
Revision No. _____

3. Project/Activity Title

Technical Support - BAPPENAS Research

I. Project Purpose

A. The purpose of this Agreement is to provide assistance to the Government of Indonesia (GOI), through its planning agency BAPPENAS, in carrying out a series of policy-oriented research studies to improve the factual and analytical base for decision-making, particularly in connection with the Second Five Year Plan 1974/75 - 1978/79.

B. A program of systematic research to fill in the current serious gaps in the GOI planning base is expected to achieve a number of direct and indirect benefits: the reports of specific research results should provide greater understanding of different aspects of the Indonesian economy, leading to improved GOI policies, sector programs and projects; improved research approaches and methodology on the part of Indonesian researchers should result from their collaboration with more experienced senior researchers from other countries; and enhanced knowledge of and continuing interest in Indonesia and its social and economic development is looked for on the part of leading members of foreign academic/research communities. It is expected that the research program outlined in this Agreement, which is intended to be carried out during CYs 1972-1973, will provide the basis for long-term collaborative research efforts between Indonesia and foreign academics and the various Indonesian agencies involved.

II. Course of Action

A. Two parallel and mutually reinforcing efforts are planned: Under the general direction of BAPPENAS, (1) Agencies of the GOI will carry out a program of operational short-term ad hoc research involving mainly compilation of data but including some planning and forecasting based on that data; (2) Longer-range policy-oriented research will be carried out primarily by personnel attached to Indonesian universities, assisted and/or supplemented by experienced senior researchers/academics from other countries. USAID, the IDA*, the Ford Foundation, Japan and others have been asked to assist in carrying out the longer-range program and it is to this effort that this Agreement is addressed.

B. BAPPENAS and its planning advisors, the Harvard Development Advisory Services (HDAS), have developed a list of approximately sixteen long-range research projects considered to be of the highest priority for attention during 1972-73, when Indonesia's next Five Year Plan will be prepared. These include such studies as Indonesian entrepreneurship, rural income distribution, monetary policy and structure, employment, industrial development strategy, etc.

*International Development Association

For the Cooperating Government or Agency
Dr. Emil SalimFor the Agency for International Development
Richard M. Cashin

SIGNATURE: _____ DATE: _____

SIGNATURE: _____ DATE: _____

TITLE: Vice Chairman, BAPPENAS

TITLE: Director, USAID/Djakarta

PROAG
CONTINUATION
SHEET

ANNEX A

**PROJECT AGREEMENT
BETWEEN AID AND
BADAN PERENCANA PEMBANGUNAN
NASIONAL (BAPPENAS)**

AN AGENCY OF THE GOVERNMENT OF
The Republic of Indonesia

1. Project/Activity No. INDEX 001
497-11-999-000 20161

PAGE 2 OF 3 PAGES

2. Agreement No.
FY 1972-11

3. Original or
Revision No. _____

3. Project/Activity Title

Technical Support - BAPPENAS Research

C. Under this Project Agreement with BAPPENAS, USAID is providing foreign exchange financing for eight of the studies mentioned above. Other donors are providing financing for the remaining studies. BAPPENAS will enter into an agreement with the HDAS to conduct and coordinate this long range research program. Further details are included in the Implementation Plan attached to this Agreement.

III. Resources Required

A. The dollars obligated on the face sheet of this document provide \$250,000 for a portion of the foreign exchange costs of the agreement to be entered into between BAPPENAS and its Planning Advisory Group, the HDAS, under which the HDAS will contract with foreign academics/researchers to undertake research studies on the topics outlined in the Implementation Plan.

B. Up to Rp. 22,25,000 for local costs related to the foreign researchers financed under this Project Agreement will be provided by the GOI through the Trust Fund administered by USAID. Such costs may include housing, maintenance allowances, travel and transportation while in Indonesia, local office expenses, etc.

C. BAPPENAS will provide for guidance from senior officials in responsible ministries, office space, and appropriate counterpart personnel to work with the foreign researchers.

D. The expense of local researchers working with this program, as well as the concurrent Indonesian research on broadly related topics as described above, will be borne by the Government of Indonesia.

IV. Reporting and Payments

A. Preliminary reports on the research studies financed by this Project Agreement are expected by the end of CY 1972 (with the exception of Report No. 8 in Attachment No. 1 which is not scheduled to begin until early 1973) and final reports no later than the end of CY 1973. Two copies of each of the preliminary reports and ten copies of the final reports are to be furnished to USAID within one month after receipt and acceptance by BAPPENAS.

B. Initial payments of dollars and local currency will be based upon receipt by USAID of a signed copy of the agreement between BAPPENAS and HDAS consonant with the intent of this Project Agreement. Progress payments and final payment of dollars and local currency will be based upon appropriate certification by BAPPENAS. Details of these procedures are spelled out in the attached Implementation Plan.

For the Cooperating Government or Agency
Dr. Emil Salim

For the Agency for International Development
Richard M. Cashin

SIGNATURE: _____ DATE: _____

SIGNATURE: _____ DATE: _____

TITLE: Vice Chairman, BAPPENAS

TITLE: Director, USAID/Djakarta

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PROJECT AGREEMENT

1. Project/Activity No. **RESEARCH OBI**
497-11-999-000 20161

2. Agreement No.
FY 1972-11

3. Original or
Revision No. _____

3. Project/Activity Title

Technical Support - BAPPENAS Research

PROAC

**BETWEEN AID AND
BADAN PERENCANA PEMBANGUNAN
NASIONAL (BAPPENAS)**

AN AGENCY OF THE GOVERNMENT OF

The Republic of Indonesia

**CONTINUATION
SHEET**

ANNEX A

V. Special Provisions

A. There will be no discrimination in employment on the basis of race, color, religion or sex.

B. This Project Agreement may be terminated on written notice by BAPPENAS or USAID.

C. An annual audit of the expenditures under the BAPPENAS-HDAS contract will be conducted by an internationally recognized certified public accountant firm. The report of such audit shall be submitted to USAID.

D. Records pertaining to this Project shall be maintained for examination by AID or its authorized representative for a period not exceeding three years after completion of the work financed by AID.

For the Cooperating Government or Agency

Dr. Emil Salim

For the Agency for International Development

Richard M. Cashin

SIGNATURE: _____ DATE: _____

TITLE: **Vice Chairman, BAPPENAS**

SIGNATURE: _____ DATE: _____

TITLE: **Director, USAID/Djakarta**

69

PROJECT AGREEMENT

BETWEEN AID AND
BADAN PERENTJANA PEMBANGUNAN
NASIONAL (BAPPENAS)

AN AGENCY OF THE GOVERNMENT OF
The Republic of Indonesia

1. Project/Activity No. XXXXXXXX 061
497-11-999-000 20162 PAGE 1 OF 1 PAGES

2. Agreement No.
FY 1972-11

3. Original or
Revision No. _____

3. Project/Activity Title
Technical Support - BAPPENAS Research

Implementation Plan

1. The research program described in the Project Agreement to which this Plan is attached will be under the overall direction and guidance of BAPPENAS.
2. BAPPENAS will enter into an agreement with the Harvard Development Advisory Services (HDAS), currently providing planning advisory services to BAPPENAS under a Ford Foundation-financed contract, whereby HDAS will undertake to conduct and coordinate the long-range research program.
3. The foreign professionals expected to participate in the long-range research program, the studies they will work on, and their probable initial periods in Indonesia are shown in Attachment #1. It is understood that approximately a quarter of their research time will be spent at their home institutions or universities.
4. Brief illustrative descriptions of the planned research topics are provided in Attachment #2. Any changes in the topics to be studied which are proposed for AID financing must be mutually agreed upon in writing by BAPPENAS, HDAS, and USAID.
5. AID financing of up to \$250,000 for dollar costs will be made available to BAPPENAS to finance eight research studies as described in Attachments #1 and #2. Upon receipt of a signed agreement between BAPPENAS and HDAS consonant with the intent of this Project Agreement, AID will disburse its funds to HDAS on behalf of and upon specific authorization in writing from BAPPENAS. It is agreed that the payment schedule for AID-financed studies will be similar to that of the JDA.
6. GOI financing of Rp. 22,625,000 to cover local costs directly related to the AID-financed portion of the research program will be provided through the USAID-administered Trust Fund and will be made available to HDAS on behalf of BAPPENAS in accordance with the procedures described below.
 - a. An initial amount of Rp. 10,000,000 will be provided by USAID to HDAS upon authorization by BAPPENAS and upon receipt of the signed agreement between BAPPENAS and HDAS.
 - b. BAPPENAS may periodically request USAID to replenish this local currency imprest fund. HDAS should periodically submit detailed expenditure documentation to BAPPENAS to permit BAPPENAS to authorize USAID to disburse local currency funds.

For the Cooperating Government or Agency
Dr. Emil Salim

For the Agency for International Development
Richard M. Cashin

SIGNATURE: _____ DATE: _____
TITLE: Vice Chairman, BAPPENAS

SIGNATURE: _____ DATE: _____
TITLE: Director, USAID/Djakarta

PROJECT AGREEMENT
BETWEEN AID AND
BADAN PERENTJANA PEMBANGUNAN
NASIONAL (BAPPENAS)

AN AGENCY OF THE GOVERNMENT OF
The Republic of Indonesia

1. Project/Activity No. MEMOR 051,
497-11-999-000 0161 PAGE 1 OF 2 PAGES

2. Agreement No.
FY 1972-11

3. Original or
Revision No. _____

3. Project/Activity Title
Technical Support - BAPPENAS Research

Attachment 1 to
Implementation Plan

Listed below are the foreign professionals expected to participate in the longer-term Research Program, the Studies they will work on, and their initial periods in Indonesia.

A. Proposed for AID Financing

| <u>Individuals</u> | <u>Studies</u> | <u>Initial Period in Indonesia</u> |
|--|---|---|
| 1. Richard Cooper Bruce Glassburner | Foreign trade, debt, reserves | June 10 - 27, 1972 June 5 - Sept. 1972 |
| 2. Henry Bruton | Employment and industrial strategy | June 18 - Sept. 10, 1972 |
| 3. John Harris | Employment, urbanization (possibly Indonesian entrepreneurs) | June 1 - July 7, 1972 |
| 4. Peter Timmer | Foodgrains | May 28 - Sept. 10, 1972 |
| 5. Walter Falcon | Income distribution in rural sector | June 9 - July 2, 1972 |
| 6. David Cole | Monetary policy | May 24 - June 21, 1972 |
| 7. Daniel Schydrowsky | Relations between balance of payments, monetary, fiscal policies and prices | June 7 - Aug. 1, 1972 |
| 8. Ray Vernon (possibly assisted by Tsurumi) | Relations with foreign investment | Spring, 1973 |

B. Proposed for World Bank Financing (IDA)

| | | |
|--------------------------------|--------------------|---|
| 9. Allan Peacock Keith Shaw | Fiscal policy | Aug. 10 - 24, 1972 June 25 - Sept. 6, 1972 |
| 10. Francis Seton | Trade with Comecon | July 8 - Aug. 12, 1972 |
| 11. Maurice Adelman | Petroleum policy | May 16 - 28, 1972 |

For the Cooperating Government or Agency
Dr. Emil Salim

SIGNATURE: _____ DATE: _____
TITLE: Vice Chairman, BAPPENAS

For the Agency for International Development
Richard M. Cashin

SIGNATURE: _____ DATE: _____
TITLE: Director, USAID/Djakarta

11

PROJECT AGREEMENT

**BETWEEN AID AND
BADAN PERENTJARA PEMBANGUNAN
NASIONAL (BAPPENAS)**

1. Project/Activity No., ~~XXXXX~~ 051.0
497-11-999-000 20161

PAGE 2 OF 2 PAGES

2. Agreement No.
FY 1972-11

3. Original or
Revision No. _____

3. Project/Activity Title

Technical Support - BAPPENAS Research

AN AGENCY OF THE GOVERNMENT OF
The Republic of Indonesia

**PROAG
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ANNEX _____

| | <u>Individuals</u> | <u>Studies</u> | <u>Initial Period in Indonesia</u> |
|---|-------------------------|---|--|
| 12. | Henry Rosovsky | Indonesian-Japanese economic relations | June 12 - June 26, 1972 |
| C. <u>Proposed for Dutch Financing</u> | | | |
| 13. | H. Bos and others | EEC Market Agricultural exports (?) | Uncertain |
| D. <u>Proposed for German Financing</u> | | | |
| 14. | H. Giersch J. Donges | Industrial strategy | Dec. 72 - Jan. 1973 |
| E. <u>Japanese Financing</u> | | | |
| 15. | T. Nakauchi, others | Japanese Market Manufactured exports | Next visit is still uncertain |
| 16. | T. Fukuchi, others | Macro-model | Next visit is still uncertain |

For the Cooperating Government or Agency
Dr. Emil Salim

For the Agency for International Development
Richard M. Cashin

SIGNATURE: _____ DATE: _____
TITLE: Vice Chairman, BAPPENAS

SIGNATURE: _____ DATE: _____
TITLE: Director, USAID/Djakarta

7
W

BAPPENAS RESEARCH PROGRAM
(Tentative terms of reference for planned studies)

Foreign Trade, Debt, Reserves

- a) An analysis of the nature, structure and management of the balance of payments system, including the overall structure of tariffs, the differentiations of rates, the level and frequency of changes.
- b) The effect on Indonesia of likely changes in world currency rates, in special preferences, in credit policies and interest rates. An appropriate set of policies for Indonesia to take advantage of/counteract such developments.
- c) Given Indonesian trade patterns and the price fluctuations of its exports and imports what kind of policy with respect to accumulation and use of foreign exchange reserves is sensible?
- d) Which kind of debt management strategy?
- e) Develop a simple forecasting model for imports, based on time series that are readily available, as a guide for policies in the trade field.

Employment

- a) What is the factual situation on employment and unemployment - how does it differ by region? Future outlook (see demographic work at U. I.).
- b) The use of labor intensive techniques on government projects - factual situation, specifics of desirable policies. Special reference to aided projects. (See also IBRI team study.) Special labor-using projects?

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- c) The effect of present policies and practices on labor use in industry: number of shifts, factor proportions, type of processes encouraged. Desirable policy changes.
- d) Similarly for policies and practices in other sectors, most especially agriculture and forestry. Desirable and undesirable mechanisation.
- e) Labor policy and its effects on employment.
- f) What are the costs of greater labor use, the trade-offs in terms of other objectives.
- g) Dimensions and causes of special urban employment problem; factors in urban immigration: wage differentials, distance, job possibilities, other factors.
- h) Desirable policies with respect to urban centers; e.g.: should growth of certain centers be discouraged/encouraged and, if so, how, in order to reduce the problem of urban unemployed.

Industrial Development Strategy

(N. B.: With respect to industries producing for export, data and analysis will be taken from study 10. Basic material will also come from the World Bank study of industry.)

- a) What investment is now taking place?
- b) Compilation and analysis of the limited information on relative efficiency of different industries.
- c) Factor availabilities (esp. experienced management and manpower).
- d) Existing factor price distortions and their causes.
- e) Sensible general, long-term, strategy on industrialization; including regional location, extent and nature of protection.
- f) Desirable policy changes and government programs to bring them about.

Development of Indonesian Entrepreneurs

- a) Who are the Indonesian entrepreneurs, what is their regional, social, occupational background and what dynamic process is involved in their development?
- b) What sociological factors are significant in causing (or preventing) Indonesians to enter industry, trade, transport, etc., and to expand their enterprises?
- c) The economic obstacles.
- d) Patterns of ownership and management: family firms professional management. How do managers differ from owner-operators?
- e) Possible policies to increase Indonesian participation in business, industry, etc.

Rice and Other Carbohydrates (Food grains)

- a) Analysis of the current consumption pattern for rice, maize and other carbohydrates in terms of:
 - (i) price elasticities
 - (ii) cross-price elasticities
 - (iii) income or expenditure elasticities
 - (iv) taste changes affecting the above (if possible)
- b) Consequences of this analysis, and of likely income and price changes, for production and import patterns over the next five-year plan, including requirements for self-sufficiency and patterns of regional specialization.
- c) Consequences for government policies with respect to production, pricing, consumption patterns and total carbohydrate consumption.
- d) A model of the operations of BULOG, to provide guidance on prices, marketing, storage, import and procurement policies and investment programs. How can guaranteed prices be maintained at minimum costs?

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Income Distribution (Rural)

This study will need to draw heavily on study on employment, since the most serious income distribution problem is likely to be with respect to the unemployed and marginally employed.

- (i) To develop an empirical study of income distribution and employment in Indonesia similar in concept to Dandekar's "Poverty in India". In particular, looking at the sectoral, regional and personal income attributes of Indonesia.
- (ii) To describe and analyse the origins, functioning and potential of the Works Program (Kabupaten, Desa programs).
- (iii) Possibly to look at the employment and distributional consequences of certain agricultural programs, especially aspects of the BIMAS effort.
- (iv) Possibly to look at some choice of technique questions in the irrigation sector.

Monetary Policies

- (i) Review recent growth and structural change of financial system.
- (ii) Projections of financial variables for next five years.
- (iii) Estimate potential financing generated through financial institutions for investment and working capital.
- (iv) Analysis of current policies in the monetary field and suggestions for modification.
- (v) Assess links with external finance and suggest needed changes.

Interaction Between Balance of Payments, Domestic Prices and Resources

- a) On the basis of existing data and the results of other studies, analyse the relationships among: imports, exports, money supply, credit policies, interest rates, exchange rates, government budgets and prices.
- b) To the extent possible quantify these relationships. Ideally a model which describes and forecasts should be constructed, but given the brief period since relationships were badly distorted by hyperinflation and the unreliability of data this may not be possible. However, some of the relationships should be quantifiable.
- c) On the basis of this analysis try to predict future changes in relationships.
- d) Suggestions for monitoring important changes in these macro variables.
- e) Conclusions for policy.

Foreign Private Investment - Indonesian participation and control

- a) Review of experience in other countries that have gradually (or rapidly) increased their participation in and control over foreign investment.
- b) Analysis of present Indonesian rules and agreements for foreign investment and arrangements for Indonesian participation in ownership, management, technical manpower and profits, and for control over various practices.
- c) Discussion, analysis and recommendations for greater Indonesian participation and more effective control.

Fiscal Policies

- (i) Forecast of government current expenditures on various assumptions.
- (ii) Analysis of the impact of current taxes on such variables as employment, income distribution, efficiency, administration, windfall profits, balance of payments, savings and investment incentives.

- (iii) Suggested changes in tax system and analysis of their consequences in terms of the same variables.
- (iv) Projections of government savings and analysis of desirable government savings.

Oil and Minerals

- a) Forecast of likely world market conditions for oil and minerals and especially for Indonesian output.
- b) Possibilities for joint actions and commodity agreements and likely impact.
- c) Analysis of current Indonesian marketing, tax and pricing policies.
- d) Desirable changes in policies.

Indonesia - Japan

- a) Analysis of current economic relations between the two countries.
- b) Likely future trends.
- c) Desirable changes in programs and policies to improve the efficiency and increase the benefits of these economic relations.

Important Markets for Indonesia's Exports

Likely changes in the level and composition of demand in different markets; special requirements or prohibitions likely to affect Indonesian exports. The degree of disaggregation required depends on likely future importance of the markets and the range of commodities exported to them.

In addition to this general question, particular markets require special attention:

- a) Soviet Union and Eastern Europe: the experience of other less developed countries with barter trade and in dealing with State Trading Organizations; policies to maximize benefits and minimize costs of such trade.
- b) EEC: effect of British etc. entry; costs and benefits of Associate membership for Indonesia.
- c) Japan: the exports of oil, timber and timber products, and other mineral and agricultural products.

Agricultural Exports

- a) The foreign demand for rubber, copra/coconut oil, palm-oil, spices, sugar, wood and wood products, maize, etc. and likely price trends, in major consuming regions. Effect of enlarging OEC, and of possible EEC Associate membership for Indonesia. (The potentialities and risks of barter trade in these commodities, if possible.)
- b) Likely production trends under existing policies. Indonesian comparative advantage for different crops. The price elasticity of supply.
- c) Desirable policy changes given demand/price outlook, supply elasticity and comparative advantage, i.e.: to what extent should rubber re-planting be encouraged by substantial subsidy, or is it better to shift to palm oil and provide a subsidy for planting palm trees.
- d) Probable domestic absorption of oil, sugar, on various price and income assumptions.
- e) Desirable role for government, e.g.: price stabilization; investment; quality control.
- f) Given above, what export earnings are forecast?

Manufactured Exports

- a) Review of the experience of other Asian countries that have been successful in exporting manufactured products: what policies and programs were major contributing factors?
- b) Given relative Indonesian labor costs, and labor skills, infrastructure development, transport costs, government programs and policies, etc., what is the potential for various labor intensive manufactured exports? What is the potential manufactured exports using weight-losing Indonesian raw materials.
- c) An analysis of potential markets for such exports, their likely growth and possible shifts in demand.
- d) What are the obstacles to manufactured exports in terms of government policies, infrastructure and land problems, capital availability and so on.
- e) Desirable practices and programs to attract investment to this area.

Macro Model

The building and operation of a model that can be used to check the consistency of sectoral and macro-forecasts and programs, covering the second plan period. If possible a simplified version for a 15-20 year period should also be constructed.

Emphasis would include employment changes, balance of payments, monetary magnitudes and sectoral relationships.

If possible the model should throw light on the question: what proportion of resources can be devoted to investment, or how rapidly can Indonesia grow, without affecting price stability and balance of payments equilibrium under various assumptions. What are the trade-offs between: investment/growth, price stability, and aid requirements.

Public Enterprises

- a) What is the existing situation with respect to government enterprises on:
 - (i) price policies
 - (ii) capital structure
 - (iii) rates of return
- b) General principles that are desirable for government enterprises on pricing, revenues, taxes, success indicators.
- c) Principles and policies for any private participation.

Urban Income Distribution

- (i) Income and wealth distribution in urban areas, past trends and likely future developments: what is happening and likely to happen to industrial workers, officials, businessmen and industrialists. Magnitudes and importance of conspicuous consumption.
- (ii) The effect of government policies on trends in income distribution in urban areas: possible alternative policies. Special steps to help smaller units in business, industry and transportation.
- (iii) What are the consequences of policies favouring more egalitarian income distribution for other objectives, the trade-offs.

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
 THE INDONESIAN INSTITUTE OF SCIENCES (LIPI)
 AN AGENCY OF THE GOVERNMENT OF THE REPUBLIC OF INDONESIA

Page

Under the terms of Economic Cooperation Agreement signed October 16, 1950, as amended, and the agreements and provisions noted below, it is agreed to carry out a project in accordance with the terms set forth herein.

- Agreement (Specify) _____
- Standard Provisions Annex. Other (Specify) _____

1. Project No. 497-11-999-000 2. Agreement No. YAGWAG Obl.
FY 1972-16 20226 3. Order No. or Rev. No.

4. Project/Activity Title TECHNICAL SUPPORT
LIPI/NAS Workshop on Natural Resources 5. Project Descrip. (Annex A)

6. Appropriation 72-1121004 7. Allotment 251-50-497-00-69-21

| 8. AID DOLLAR FINANCING (Cost Component) | PREVIOUS TOTAL (A) | INCREASE (B) | DECREASE (C) | TOTAL TO DATE (D) |
|--|-----------------------|-----------------|-----------------|----------------------|
| a. PERSONNEL COSTS | | | | |
| (1) U.S. | | | | |
| PASA | | | | |
| Contract | | 39,500 | | 39,500 |
| (2) LOCAL AND TCM | | | | |
| PASA | | | | |
| Contract | | | | |
| b. PARTICIPANTS | | | | |
| AID Direct | | | | |
| PASA/Contract | | | | |
| c. COMMODITIES | | | | |
| AID Direct | | | | |
| PASA/Contract | | | | |
| d. OTHER COSTS | | | | |
| AID Direct | | 1,500 | | 1,500 |
| PASA/Contract | | | | |
| e. TOTAL (ALL COSTS) | | 41,000 | | 41,000 |
| 9. LOCAL CURRENCY FINANCING (\$1.00 = Rupiah <u>417</u>) | | | | |
| a. U.S. -- OWNED RUPIAH | | | | |
| b. GOI TRUST FUND (AID ADM) | | Rp. 1,631,000 | | Rp. 1,631,000 |
| c. GOI -- (SHOW SOURCE BELOW) | | Rp. 7,000,000 | | Rp. 7,000,000 |

10. REFERENCES AND REMARKS Block 9 c source: LIPI Budget (GOI 1972/73)

11. DATE OF ORIGINAL AGREEMENT June 29, 1972 12. DATE OF THIS REVISION _____ 13. ESTIMATED FINAL CONTRIBUTION DATE June 30, 1973

14. FOR THE COOPERATING GOVERNMENT OR AGENCY
 Dr. J.A. Katili
 SIGNATURE [Signature]
 TITLE Acting Chairman, LIPI DATE 20 June 1972

15. FOR THE AGENCY FOR INTERNATIONAL DEVELOPMENT
 H. Louise Ramey
 SIGNATURE [Signature]
 TITLE Acting Director, USAID DATE 6/29/72

USAID
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PROJECT AGREEMENT

BETWEEN AID AND

The Indonesian Institute of
Sciences (LIPI)

AN AGENCY OF THE GOVERNMENT OF
The Republic of Indonesia

1. Project/Activity No.

497-11-999-000

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2. Agreement No.

FY 1972-16 20226

~~YURK~~ Obl.

3. Original or

Revision No.

3. Project/Activity Title

Technical Support
LIPI/NAS Workshop on Natural Resources

I. Purpose and Objectives

The purpose of this cooperative project is to conduct a workshop for scientists and policy-makers in Djakarta on the subject of natural resource planning and management. The workshop will be organized jointly by the Indonesian Institute of Sciences (LIPI) and the National Academy of Sciences (NAS) of the United States. The general objectives of the workshop are: (a) to highlight for planners and decision-makers basic data on Indonesian natural resources, and frame recommendations which can be used as one of the basic references in the formulation of the second Indonesian Five Year Plan; (b) to identify applications of science and technology of high potential benefit for the development of Indonesia's natural resources, such as in surveys, inventory, classification, utilization, and distribution, and recommend priorities for research and data improvement according to the needs of the national development plan; and (c) to increase awareness in the Indonesian public of the need for sound planning and programs to maximize benefits from natural resources development over the longer term.

II. Description

The Natural Resources Workshop is planned to be held in Djakarta September 11 through 16, 1972. Indonesian participants will include senior scientists and engineers, economic planners, industrial representatives, and key officials from the various Departments and agencies concerned with natural resources policy, planning, and management. U.S. panel participants, selected and provided through NAS, will be technical experts in resource fields such as minerals, water, petroleum, forestry, energy, natural resources surveys and economics, and land use. In addition, LIPI will invite and arrange for participation of technical experts from international agencies such as UNESCO; and from third countries such as Australia, Japan, the Netherlands, France, Great Britain, and Canada; and participation from the ASEAN countries.

Subject matter of the workshop will center on natural resources inventory, utilization, and environmental management in the context of medium and longer-term Indonesian economic development. It is expected that the workshop will formulate a set of recommendations suggesting:

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

The Indonesian Institute of
Sciences (LIPI)

AN AGENCY OF THE GOVERNMENT OF
The Republic of Indonesia

1. Project/Activity No.

497-11-999-000

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2. Agreement No.

FY 1972-16 20226

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3. Original or

Revision No. _____

3. Project/Activity Title

Technical Support
LIPI/NAS Workshop on Natural Resources

(1) a frame of reference for the formulation of policies which will foster sound inventory, conservation, and utilization practices;

(2) priorities for research and surveys which need to be carried out in order to provide adequate information for decisions regarding natural resources development;

(3) alternative steps for improvement of governmental mechanisms which will strengthen Indonesia's capability to make decisions about natural resources in a comprehensive and coordinated manner.

The conduct of this workshop was approved in principle by the President of the Republic of Indonesia, as stated by letter from R. I. Cabinet Secretariat to the Chairman, LIPI, dated December 2, 1971.

III. U. S. Contribution

A. Through contract with NAS, A. I. D. will cover direct and indirect costs of NAS panel personal services, domestic travel in the U. S., and international travel to Indonesia; and costs of NAS administrative support and staff participation in the planning and conduct of the workshop. (The details concerning NAS participation are provided in the PIO/T accompanying this Project Agreement.) \$39,500

B. In order to encourage participation in the workshop from other ASEAN countries, A. I. D. will cover costs of round trip international air travel tickets for such ASEAN participants (excluding any other travel or per diem costs) up to the cost of travel between Djakarta and the following cities: Bangkok, Kuala Lumpur, Singapore, and Manila. The U. S. contribution for this purpose is limited to a maximum of \$1,500. Tickets will be purchased by LIPI, using U. S. international air carriers to the extent scheduled flights are available and feasible for use in attending the workshop. USAID will advance funds to LIPI for ticket purchases on the basis of a statement from LIPI listing the ASEAN participants who have accepted invitations and their ticket costs. Following the workshop, LIPI will provide USAID a statement certifying to the ticket costs actually expended and returning any unused funds to USAID from the advance.

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

The Indonesian Institute of
Sciences (LIPI)

AN AGENCY OF THE GOVERNMENT OF

The Republic of Indonesia

1. Project/Activity No.
497-11-999-000

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2. Agreement No. ~~XXXXXX~~ Obl.
FY 1972-16 20226

3. Original or
Revision No. _____

3. Project/Activity Title
Technical Support
LIPI/NAS Workshop on Natural Resources

IV. GOI Contribution

A. LIPI will cover all local costs for the organization and conduct of the workshop, including conference hall facilities, and publication of proceedings and reports, administrative assistance, travel and per diem of Indonesian participants, per diem of ASEAN participants, and local transportation of NAS panel members.

B. Per diem for NAS panel members while in Indonesia will be disbursed by USAID from the GOI Trust Fund at standard USG rates.

V. Reports

A. LIPI will be responsible for publishing the Workshop Final Proceedings, together with relevant background and discussion papers prepared for the workshop. LIPI will furnish 25 English copies to USAID.

B. NAS will participate with LIPI in preparing a summary report and recommendations of the workshop to be presented at the closing session. LIPI will publish the report in the Indonesian and English languages and expedite distribution within Indonesia and elsewhere in order to maximize impact of the workshop. Twenty-five English copies will be furnished to USAID.

C. NAS will submit a final report to A. I. D. summarizing the activities and contribution of the NAS panel, together with recommendations for improvement of future workshops which may be held in Indonesia. USAID will furnish two copies to LIPI.

For the Cooperating Government or Agency

For the Agency for International Development

SIGNATURE: _____ DATE: _____

SIGNATURE: _____ DATE: _____

TITLE: _____

TITLE: _____