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REPUBLIC OF INDONESIA
MINISTRY OF PUBLIC WORKS AND ELECTRIC POWER
DIRECTORATE GENERAL OF WATER RESOURCES DEVELOPMENT

10 p.

THE CITANDUY RIVER BASIN
DEVELOPMENT PROJECT

MONTHLY REPORT FOR THE PERIOD

Ending : 30 June 1975

SUBMITTED BY :

ENGINEERING CONSULTANTS, INC.

DENVER, COLORADO USA

BANJAR, INDONESIA



ENGINEERING CONSULTANTS, INC.

CABLE ADDRESS :
ECIBANJAR
WEST JAVA
INDONESIA

PROYEK CITANDUY
PATARUMAN
BANJAR, WEST JAVA
INDONESIA

June 30, 1975

Directorate General of
Water Resource Development
Ministry of Public Works
and Electric Power,
Jalan Pattimura 20/7
Kebayoran Baru, Jakarta
Republic of Indonesia.

Our file: 1163/31
MR 6/75
Subject : Monthly Report
Citanduy River Basin
Development Project.

Attn: Director of Rivers

Dear Sir:

We are herewith submitting our twenty-third monthly report, which covers the month of June 1975. Now that our new staff is practically all assembled, in future reports we will undertake to include our usual graphic appendices.

It is our hope that these reports serve to keep you well informed of our progress in the performance of our contract. We would welcome any suggestions for their improvement.

Yours truly,

Engineering Consultants, Inc.
For: Gifford E. Rogers
Resident Manager

By : A.E. Hancock
Acting Resident Manager

Encl: Thirty copies (30) of
Progress Report No. 23

CC:

1. USAID/Jakarta, American Embassy
Jakarta, Republic of Indonesia
Attn: Mr. M. Alcer,
Engineering Section
Six (6) enclosures
2. Directorate of Rivers, Banjar Office
Attn: Ir. Soebandi Wirosocmarto, Project Manager
Citanduy Project. Five (5) enclosures.
3. ECI/Denver
Attn: Mr. C.M. Langford, Project Sponsor
Three (3) enclosures.
4. ECI/Staff. Banjar.

MONTHLY REPORT NO. 23

Period Ending 30/6/75

I. General

During the month of June our efforts continued on additional in depth study of Segara Anakan. Dr. Turner expert on Marine fish and their environs arrived and will conduct a study of the impact of Segara Anakan as related to Marine life.

Geologic mapping of Nusa Kambangan and the proposed dike abutments continued.

Survey of the Citanduy and Ciseel river levees is in full swing and plotting of profiles and cross sections continues.

II. PERSONNEL

A. Present at last report:

1. Albert E. Hancock - Construction Manager
2. Peter Howard - Geologist
3. Kenneth E. Boulter - Soils/Land Classification
4. C.L.G. Goss - Surveyor and mapper
5. Saeed A. Rana - Design Engineer
6. Malcolm J. Crawford - Irrigation O & M Engineer

B. Arrivals subsequent to last report:

1. R.L. Kerr - Hydrologist
2. Dr. Robert E. Turner - Marine Biologist

C. Departures subsequent to last report:

1. Gifford E. Rogers - Resident Manager
(Home leave)

D. Scheduled to depart in June 1975:

1. Dr. Robert E. Turner - Marine Biologist

E. Scheduled to arrive in June 1975:

1. Gifford E. Rogers - Resident Manager
2. Cecil M. Langford - Executive Vice - Pres. ECI

F. Scheduled to arrive at a later date:

- | | |
|------------------|-------------------|
| 1. M.K. Kuehl | - Chief Engineer |
| 2. William Burke | - Farm Management |

G. Administrative Personnel present:

- | | |
|---------------------|---------------|
| 1. Nungki S.W. | - Secretary |
| 2. Pauline Sulianti | - Interpreter |
| 3. Supiarti | - Clerk |
| 4. Susanti | - Typist |

III. IMPORTANT EVENTS AND FIELD TRIPS

<u>No.</u>	<u>Day of Month</u>	<u>Location</u>	<u>Purpose</u>	<u>Personnel</u>
1.	2 - 3	Cilacap	Inspect Segara Anakan for survey purposes	Goss, Subagyo
2.	2 - 5	Cilacap	Inspect Segara Anakan reclamation	Boulter, Sambudi
3.	3 - 7	Jakarta	Discuss Amendment No. 2 meet Mr. Kerr	Hancock
4.	2 - 3	Cilacap	Inspect Lower Citanduy and orientation	Rana, Untung
5.	2 - 7	Cilacap	Geologic study of Nusa Kambangan	Howard
6.	10 - 13	Jakarta	Meet Dr. Turner	Hancock
7.	11 - 12	Bandung	Meeting LPMA	Rana, Untung
8.	5 - 6	Bandung	Meeting with survey contractor	Goss, Subagyo, Bare Tjupang
9.	11 - 12	Bandung	Meeting with survey contractor	Goss, Subagyo
10.	17 - 19	Cilacap	Escorting Dr. Turner	Howard, Turner, Imam
11.	20 - 21	Yogyakarta	Environmental and fisheries meetings	Howard, Turner
12.	22 - 26	Jakarta	Meetings, Ministry, USAID	Hancock
13.	21 - 22	Bogor	Environmental meetings	Howard, Turner
14.	22 - 26	Jakarta	Environmental meetings and fisheries meeting.	Howard, Turner

IV. MAJOR PROBLEM AREAS

As mentioned in last months report, transportation is a potential problem of major proportions. Our pick-up truck and personnel carrier are badly needed. We are virtually at full strength and will require all transportation if our work schedule is not to suffer.

Water is a critical problem in the staff house at Banjar at this time.

V. PROGRESS

A. TECHNICAL

1. An all out effort is underway to complete the work plan for the additional work as outlined in the contract amendment.
2. Basin terrestrial surveys are now underway in the Lower Citanduy/Ciseel River system. All cross sectioning of the Citanduy river levees is complete and in the process of being plotted. Level traverses of the Citanduy river levees is 75% complete. At the present time six (6) crews are running level traverse and cross sections on the Ciseel river levees.
3. Mr. Boulter soil scientist and land classifier assisted by Mr. Crawford O/M, are busily engaged in getting the Demonstration farms established and going by this coming planting season. Soil sampling and testing is now underway along with a survey of existing canals, structures, equipment etc. for the operation of these plots, crop water requirements will be evaluated. A demonstration and training program as well as an O & M program will be prepared.
4. Mr. Kerr, Hydrologist, arrived in June and will accelerate this important phase of our program. At present his efforts are being concentrated in the Segara Anakan area.
5. Quarry areas for the proposed Segara Anakan work have been tentatively located, but further exploratory work on these is held up due to a lack of drilling equipment. A list of equipment to expedite this phase of the work was submitted some two months ago for approval to purchase, but as yet no word has been received. However extensive geologic studies is being carried out on Nusa Kambangan island and the proposed abutment areas of the mainland, which will be connected to Nusa Kambangan by the cut off dikes. Sedimentation loads, currents, wave effect, soundings etc. are under extensive study at this writing.

Dr. Turner, marine biologist arrived in June. His study will be completed in August and we hope to once, and for all, settle the matter of adverse environmental impacts versus beneficial impacts expected to be brought about by the Segara Anakan project.

B. ADMINISTRATIVE AND BUDGET STATUS

Mr. Rogers, Resident Manager for the Consultants has been on home leave during the month of June, and will return July 8, 1975.

The budget status will not appear in this report, but will be picked up in the July report by Mr. Rogers.

We trust that this is acceptable and thank those concerned for their kind consideration.

VI. PROGRAM

We expect our staff to be at full force in July. This will enable us to vigorously carry out our work plan. Miss Susanti a typist joined our administrative staff in June.

During the month of July, top priority will be given to such items as:

1. Continued effort to expedite the survey program.
2. Ecological investigation of the proposed Segara Anakan reclamation project, with particular regard to shrimp and other marine life.
3. Geologic mapping of Nusa Kambangan and proposed dike abutments.
4. Evaluation of approved Demonstration Farms, soil testing and land classification.
5. Design of Citanduy river levees.