

4970245 (28) #

4970245005320

PD-AAD-864-G

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

11p.

THE CITANDUY RIVER BASIN  
DEVELOPMENT PROJECT

---

MONTHLY REPORT FOR THE PERIOD

Ending : 31 May 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

May 31, 1975

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

Attn: Director of Rivers

Dear Sir:

Our file: 1163/22  
MR 5/75  
Subject : Monthly Report  
Citanduy River Basin  
Development Project.

We are herewith submitting our twenty-second monthly report, which covers the month of May 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.

*Gifford E. Rogers*  
Gifford E. Rogers  
Resident Manager

Encl: Thirty copies (30) of  
Progress Report No. 22

CC:

1. USAID/Jakarta, American Embassy  
Jakarta, Republic of Indonesia  
Attn: Mr. M<sup>C</sup>Aleer,  
Engineering Section  
Six (6) enclosures
2. Directorate of Rivers. Banjar Office  
Attn: Ir. Soebandi Wirosoemarto, 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. 22

Period Ending 31/5/1975

I. GENERAL

During the month of May most of our effort was concentrated on additional study of Segara Anakan. The Resident Manager also spent considerable time in Jakarta on official business with the Ministry and AID.

Core samples from Segara Anakan were studied and detail logging of each hole was accomplished.

Geologic mapping of Nusa Kambangan and the proposed dike abutments will start the first week in June.

Profiles and cross sections of the Citanduy Levees are now being plotted and design is scheduled to start in June.

## II. PERSONNEL

### A. Present at last report:

1. Gifford E. Rogers      - Resident Manager
2. Albert E. Hancock    - Construction Management
3. Peter Howard         - Geologist

### B. Arrivals subsequent to last report:

1. Malcolm J. Crawford    - Irrigation O & M
2. Saeed A. Rana         - Design Engineer
3. Kenneth E. Boulter    - Soils/Land Classification
4. C.L.G. Goss            - Surveyor and Mapper

### C. Departures subsequent to last report: N o n e

### D. Scheduled to arrive in June 1975:

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

### E. Scheduled to depart in June 1975 (Vacation):

1. Gifford E. Rogers      - Resident Manager

F. Scheduled to arrive at a later date:

- |                      |                    |
|----------------------|--------------------|
| 1. Gifford E. Rogers | - Resident Manager |
| 2. M.K. Kuehl        | - Chief Engineer   |
| 3. C.M. Langford     | - Project Sponsor  |
| 4. William Burke     | - Farm Management  |

G. Administrative Personnel present:

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

III. IMPORTANT EVENTS AND FIELD TRIPS

<u>No.</u>	<u>Day of Month</u>	<u>Location</u>	<u>Purpose</u>	<u>Personnel</u>
1.	3	Kalipucang	Inspect possible Citanduy Diversion Site.	Howard, Martono, Soedaryanto.
2.	8 - 10	Bandung	Visit LPMA, State Railroad, and Geology.	Hancock, Howard, Soedaryanto.
3.	7 - 12	Jakarta	Discuss Amendment No. 2, meet Messrs. Crawford and Rana	Rogers
4.	16 - 17	Cilacap	Inspect Nusa Kambangan	Howard, Soedaryanto
5.	15 - 19	Jakarta	Discuss Amendment No. 2, meet Messrs. Boulter and Goss	Rogers
6.	16	North Lakbok	Orientation trip	Hancock, Rana, Satriyo
7.	19 - 20	Bandung	Project Business	Hancock
8.	21 - 25	Jakarta	Meet with IBRD representative	Rogers
9.	22	Citanduy River	Inspect levee survey work	Goss, Crawford, Subagyo
10.	20	Pataruman	Inspect Diversion Canal	Crawford, Satriyo.
11.	23	Rawa Onom	Inspect irrigation structures	Rana, Satriyo.
12.	26	Citalahab	Inspect irrigation structures	Rana, Satriyo
13.	28 - 31	Jakarta	Discuss Amendment No. 2	Rogers

#### IV. MAJOR PROBLEM AREAS

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

The new housing will be required in July. It is hoped that the new units will be completed as scheduled.

Our second Rupiah payments is now one month overdue. We hope that this can be paid in June so that lack of funds will not be an obstacle to successful conduct of the contract.

## V. PROGRESS

### A. Technical

1. A major effort is now underway to complete the work plan for the additional work as outlined in the contract amendment.
2. Work continues on the evaluation of the possible effects of the Segara Anakan reclamation projects on the Cilacap harbor development program.
3. Dr. Robert E. Turner, marine biologist with extensive experience in the management of salt-water estuaries, will join our staff during the month of June. Once he is on the job, we hope to settle the matter of adverse environmental impacts versus beneficial impacts expected to be brought about by the Segara Anakan project.
4. Basin terrestrial surveys are now underway in the lower Citanduy/Ciscol River System. The arrival of Mr. Cadmus L.G. Goss, our surveying and mapping specialist, will considerably accelerate this very important phase of our program.
5. Drill rig and soil sampling and testing equipment specifications have been finalized and submitted for approval to purchase.
6. Work continues on the preparation of a proposal for a second amendment to our basic contract. This amendment will cover both training programs and equipment purchases. This should be finalized in June.

## B. Administrative

Now that the contract amendment has been signed, the next most important step is to make the funds allotted available to the Consultant. This is important for both the dollar and the rupiah funds. The dollar funds are required for the purchase of badly needed equipment and supplies. The rupiah funds are required to enable us to meet daily operating expenses without resorting to the use of company funds.

The following tables show the standing of both the Rupiah and the U.S. \$ accounts. To date we have expended Rp. 27,708,222 which is about 37% of our total Rupiah budget. This money was spent over a time period of 22 calendar months, which is 55% of our total allotted time. During the same period, we have expended \$ 754,200, which is about 39% of our total dollar budget.

We have received our Rupiah payment which was due in February. However, our next Rupiah payment, due May 1, 1975, has not yet been paid. We sincerely hope that this delinquent payment will be made before the end of June. We have many reports coming due for which we must make large expenditures for paper and other reproduction charges.

Budget Status - US \$ and Rupiah Accounts

Budget Item	Cost (US \$)		
	Budgeted	Actual	Balance
1. Resident personnel, base pay	470,020	180,000	290,020
2. Overseas differential	125,105	46,000	79,105
3. Overseas overhead	332,533	112,000	220,533
4. TDY, personnel base pay	128,000	38,000	90,000
5. Denver Office base pay	78,350	59,000	19,350
6. TDY & Denver overhead	175,520	65,000	110,520
7. Special Consultants	20,000	7,000	13,000
8. Travel	153,000	53,000	100,000
9. Per Diem	6,726	3,200	3,526
10. Transportation	45,800	14,000	31,800
11. Other Direct Costs	55,400	29,000	26,400
12. Ministry personnel in Denver	76,000	28,000	48,000
13. Special equipment	99,500	35,000	64,500
14. Fixed Fee	185,760	85,000	100,760
<b>Total</b>	<b>1,951,714</b>	<b>754,200</b>	<b>1,197,514</b>

Budget Item	Cost (Rupiahs)		
	Budgeted	Actual	Balance
1. Local per diem	28,515,000	9,744,000	18,771,000
2. Cables and telephone	2,600,000	1,038,847	1,561,153
3. Postage	2,600,000	774,918	1,825,082
4. Reproductions	10,500,000	5,698,124	4,801,876
5. Supplies and materials	5,600,000	2,381,943	3,218,657
6. Miscellaneous	3,200,000	1,916,027	1,283,973
7. In-country shipping	1,500,000		1,500,000
8. Personnel	20,300,000	6,526,363	13,773,637
Withdrawn	-	( 372,000)	372,000
<b>Total</b>	<b>74,815,000</b>	<b>27,708,222</b>	<b>47,106,778</b>

## VI. PROGRAM

We are expecting one (1) resident staff member and one (1) temporary staff member to arrive in June. Their arrival will enable us to vigorously carry out work plan. We also expect to add one (1) new typist to our administrative staff.

In the month of June, top priority will be given to such items as:

1. Completion of the work plan.
2. Development of a survey schedule compatible with the requirements of all the design specialties.
3. Further investigate the ecological aspects of the proposed Segara Anakan reclamation project, particularly with regard to shrimp and other marine life.
4. Refinement of the work plan for irrigation and drainage.
5. Finalizing Amendment No. 2.