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**PERUSAHAAN UMUM LISTRIK NEGARA  
JAKARTA, INDONESIA**

**WEST JAVA  
ELECTRIC TRANSMISSION PROJECT**

**MONTHLY REPORT**

**JUNE 1978**

**WEST JAVA II PROJECT**

**CONTRACT NO. PJ 023/PST/75**

**AID LOAN NO. 497-W-032**



**CHAS. T. MAIN INTERNATIONAL, INC.**

**BOSTON MASSACHUSETTS U.S.A.**

**BANDUNG, INDONESIA**

**MAIN**  
*Engineers*

**PERUSAHAAN UMUM LISTRIK NEGARA CONSULTANT**  
**CHAS. T. MAIN INTERNATIONAL, INC.**  
BANDUNG - TROMOLPOS 89, TEL. 58889. JL. PROGO 32  
JAKARTA - P.O. BOX 100, KOT. KEBAYORAN TIMUR, TEL. 778925 JL. WIJAYA 1/61  
SEMARANG - P.O. BOX 28, TEL. 27108, JL. SLAMET 1

6 July 1978

Letter No. B - 7010

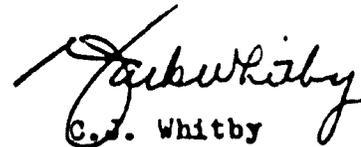
Ir. Djurzan Hamid  
PERUSAHAAN UMUM LISTRIK NEGARA  
Proyek Induk Jaringan Jawa Barat & Jakarta Raya  
Jl. Cililitan Besar 1  
Jakarta.

Subject : Contract No. Pj.023/PST/75  
Monthly Report

Dear Ir. Djurzan :

In accordance with Appendix V of the subject contract,  
enclosed are six (6) copies of our report for the month  
of June 1978.

Very truly yours,  
CHAS. T. MAIN INTERNATIONAL INC.

  
C. J. Whitby

Manager of Administration

CJW/sa.

cc. : DIRBANG - PLN Pusat  
USAID - Jakarta ✓  
MAIN - Boston  
MAIN - Charlotte

WEST JAVA PROJECT - PHASE II

MONTHLY REPORT

JUNE 1978

A. PERSONNEL

1. ENGINEER

- a. On 2 February, ENGINEER requested from PLN the assignment of Mr. James P. Radda as Administrative Assistant, for both Projects. On 25 April, PLN approved the assignment and Mr. Radda joined the Projects on 19 June.
- b. On 25 May, ENGINEER requested from PLN the assignment of Mr. James R. Knowles as Supervisor of Equipment Maintenance for both Projects. On 12 June, PLN approved the assignment and Mr. Knowles is expected to join the Projects in July.
- c. End of the period strength was as follows :

<u>NAME</u>	<u>TITLE</u>	<u>ARRIVAL DATE</u>
H.W. De Klerk	Project Manager (1)	22 Nov. 1976
W.L. Rush	Manager of Constr. (1)	24 Apr. 1978
C.J. Whitby	Manager of Administration (1)	10 Sep. 1974
W.A. Villegas	Supervisor of Stores (1)	25 Jul. 1977
C.C. Guico	Electrical Engineer (1)	17 Sep. 1976
J.C. Harkey	Substation Engineer (1)	15 Oct. 1977
D.L. Frye	Transmission Engineer (1)	3 Jan. 1978
N.F. Dennis	Survey Engineer (1)	13 Jun. 1977
J.P. Radda	Administrative Assistant (1)	19 Jun. 1978
J.F. Christenson	Superintendent of Const.	6 Sep. 1977
D.L. Hawks	Construction Supervisor	10 Apr. 1978

(1) Performs the same function for the West Java I Project.

2: PLN

a. End of the period strength was as follows :

<u>JOB TITLE</u>		<u>NUMBER</u>
Transmission Liaison Engineer	(1)	1
Logistics Coordinator	(1)	1
Drivers	(1)	13
Draftsmen	(1)	6
Secretaries	(1)	5
Survey Crew Personnel		27

(1) Performs the same function for the West Java I Project.

B. ADMINISTRATION AND GENERAL

1. ADMINISTRATION

a. Contract Data (Signed Contracts)

(1)	No. Pj.152/PST/77	5 September 1977
	Irby Construction Company	US \$ 7,744,165.78
	Transmission Line Construction	Rp. 452.526.908,-
(2)	No. Pj.051/PST/78	10 March 1978
	Ohio Brass Company	US \$ 87,852.00
	Lighting Arrestors	
(3)	No. Pj.052/PST/78	11 March 1978
	Irby Construction Company	US \$ 4,981,321.52
	Substation Equipment	
(4)	No. Pj.053/PST/78	11 March 1978
	General Electric Company	US \$ 3,974,100.16
	Substation Equipment	
(5)	No. SPj.016/PLN/PI RING/77	4 July 1977
	Sumber Jnya	Rp. 54.245.000,-
	Grounding Material	For Both Projects

(6) No. SPj.017/PLN/PI RING/77	13 August 1977
P.T. Arcon	Rp. 40.100.000,
Stub Angles	For Both Projects
(7) No. SPj.001/PLN/PI RING/78	25 April 1978
Citac Ltd.	Rp. 329.553.000,-
Foundations	

b. Contract Data (Pending Contracts)

(1) Power Line Carrier - No Report

C. CONFERENCES AND EVENTS

1. Project Meeting No. 12 was held on 10 June in ENGINEER's Bandung office. Construction, Engineering and Administrative progress reports were given and general Project matters discussed.
2. Mr. C.C. Noble, Group Vice-President in charge of Construction Management, and Mr. P.J. Bracken, Project Coordinator, both from ENGINEER's Boston office arrived in Indonesia on 23 June. They visited various office locations, construction sites and the training area. Meetings were held with PLN officials in Jakarta and Bandung.

D. PROBLEM AREAS

No Report.

E. DESIGN AND FIELD PROGRESS

1. TRANSMISSION

- a. Routine checking of span lengths and elevations against Plan and Profile continued during the month. Spans checked to date are 285 out of a total of some 425 spans.

- b. Work was started on the IFB for Foundation construction in Sections One and Four, Ujungberung to Cigereleng and Cibinong to Gandul, respectively.
- c. Material quantities for all sections of the line were submitted to Irby Construction Company.
- d. Property for 104 tower locations has been acquired.
- e. Drawings of S1 and S2 Stub Angles details were received from ENGINEER's Charlotte office. After local review, the drawings were submitted to P.T. Arcon for steel ordering and fabrication.
- f. Restaking of towers between Bogor and Cibinong was completed during the month.

## 2. SUBSTATION

- a. During the month, ENGINEER met with PLN Distribusi III in Bandung to discuss distribution cable egress from the various Substations. Distribusi agreed to provide electric service during construction.
- b. Work continued on Substation specifications and associated cost estimates.
- c. Soil borings were started at the Bogor Substation and by the end of the month some 75 % were completed.
- d. Soil boring drawings for the Bandung Utara Substation were finalized.
- e. Forms to permit import of radio equipment into Indonesia were processed during the month.

3. CONSTRUCTION

- a. Section Two Foundations - Contractor : Citac Ltd.
  - (1) Contractor poured foundations for 23 towers during the month, making a total of 25 towers poured to date.
  - (2) Three (3) crews are presently working and another is scheduled for July.
- b. Section Three Foundations - Contractor : Citac Ltd.
  - (1) No construction as yet.
- c. Sections One and Four are bundled conductor sections and have not been put out for bid as yet.
- d. Construction on the Warehouse at Sunyaragi was interrupted during the month but underway again at month's end.

F. TRAINING

- 1. The tower erection training course began 8 May at the UDIKLAT Training Center in Cibogo. Twenty - eight (28) personnel are attending the course which includes tower steel identification and layout, tower erection, technical English and Job Safety. Graduation is scheduled for early July.