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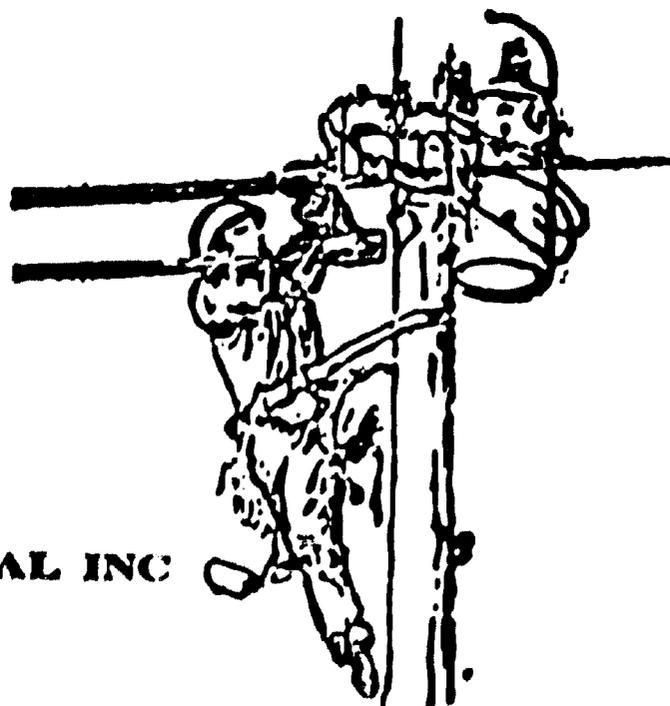
DIRECTORATE GENERAL OF COOPERATIVES

**AID LOAN NO. 497-T-052
RURAL ELECTRIFICATION PROJECT
CONTRACT
AID / ASIA - C - 1357**

ACTIVITY REPORT
JUNE 1981

MAIN

CIAS, T. MAIN INTERNATIONAL INC

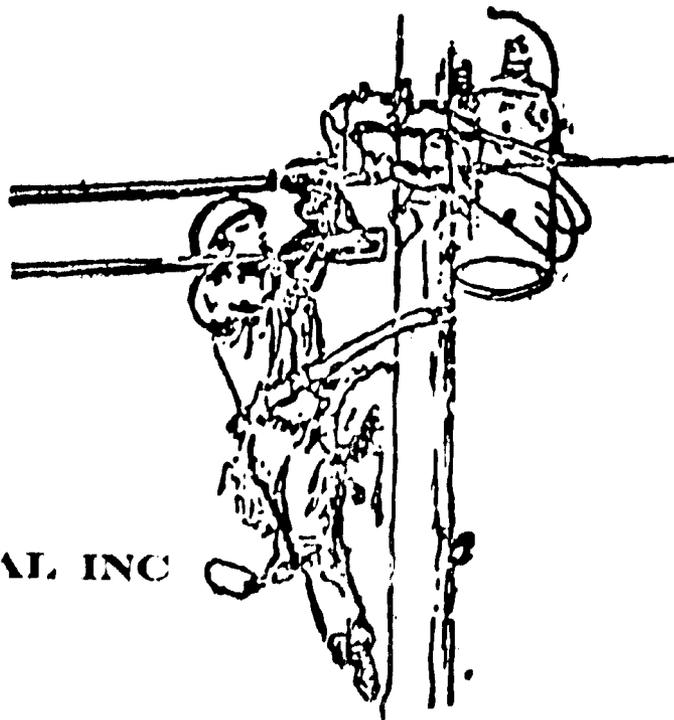


DIRECTORATE GENERAL OF COOPERATIVES

AID LOAN NO. 497 - T - 052
RURAL ELECTRIFICATION PROJECT
CONTRACT
AID / ASIA - C - 1357

MAIN

CLAS. T. MAIN INTERNATIONAL INC



MAIN
Engineers

DIRECTORATE GENERAL FOR COOPERATIVES CONSULTANT

CHAS. T. MAIN INTERNATIONAL. INC.

BANDUNG - TROMOLPOS 69, TEL. 1 56869, JLN. PROGO 32
JAKARTA - P.O. BOX 100. KBYT. KEBAYORAN TIMUR, TEL. 774041 - 2. - 776925 JLN. WIJAYA 1/61
SEMARANG - P.O. BOX 26. TEL. 1 311702, JLN. SLAMET 5

24 July 1981

Letter No. J - 4251

U S A I D
c/o American Embassy
Jalan Merdeka Selatan No. 5
Jakarta, Indonesia

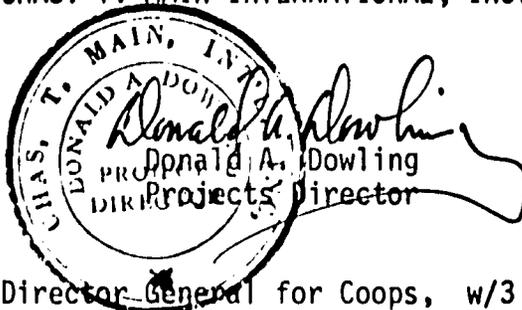
Attention: Mr. R.C. Johnson
Project Officer

Subject: Rural Electrification
Contract No. AID/ASIA-C-1357
ACTIVITY REPORT JUNE, 1981

Gentlemen:

Attached hereto are twelve (12) copies of our report summarizing MAIN's activities during the period ending 30 June 1981.

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



cc. : Mr. Soedjanadi - Director General for Coops, w/3 copies.
Mr. Muslimin Nasution - Secretary for the State Minister for Coops, w/2 copies.
Mr. Sjoufjan Awal - Chief of PDO/RE, w/6 copies.
Mr. Peter McNeil - N R E C A, w/1 copy.
Mr. A.J. Curran - CTM, Boston, w/2 copies.

/swt
HOME OFFICE

• SOUTHEAST TOWER, PRUDENTIAL CENTER, BOSTON, MASSACHUSETTS, 02109 U.S.A.

R E P O R T

NO. 20

RURAL ELECTRIFICATION PROJECT - INDONESIA

UNITED STATES AGENCY FOR INTERNATIONAL DEVELOPMENT

LOAN NO. 497-T-052

ACTIVITY REPORT

DGC ACTIVITIES

JUNE, 1981

SUBMITTED BY

CHAS. T. MAIN INTERNATIONAL, INC.

RURAL ELECTRIFICATION PROJECT

ACTIVITY REPORT

JUNE, 1981

DIRECTORATE GENERAL OF COOPERATIVES

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I. DESCRIPTION OF PROJECT

The objective of this PROJECT is to assist the Government of Indonesia (GOI) in its plan to provide areawide electric power distribution facilities in ten specified areas.

Three service areas are located on the islands of Sumatra, Lombok and Sulawesi and will be constructed and operated as investor owned Cooperatives under the direction of the Directorate General of Cooperatives (DGC). Information presented in this report applies to the DGC service areas only.

The Cooperative PROJECTS will consist of approximately 2,250 Kilometers of overhead primary and secondary distribution lines and is planned to encompass at least 194 towns and villages. The completed PROJECTS will ensure the availability of reliable, inexpensive electric service to an estimated 110,000 homes. Approximately 66,000 customers will be connected during the first three years of operation, and the remainder connected during the following twelve years.

Each of the PROJECT service areas shall include a Headquarters Complex consisting of a Cooperative administrative office building, a warehouse operations building containing an operations office and vehicle maintenance facilities, and covered and open material and equipment storage areas.

The power requirements of the completed distribution systems will be supplied by diesel generating plants which shall be constructed, owned and operated by each of the Cooperatives.

Locations of the three Cooperative service areas are shown on page 3 of this report. Project service areas, estimated line lengths, number of villages served and the approximate number of consumer connections after three years of commercial operation are as follows :

<u>SERVICE AREA</u>	<u>COOPERATIVE</u>	<u>LINES IN KM</u>	<u>VILLAGES SERVED</u>	<u>APPROXIMATE NO OF CONNECTIONS</u>
Lampung Sumatra	Sinar Siwo Mego	1,404	108	24,000
Lombok	Sinar Rinjani	335	34	22,000
Luwu Sulawesi	Samabotuna	510	52	20,000
		<u>2,249</u>	<u>194</u>	<u>66,000</u>
		=====	===	=====

LOCATIONS OF PROJECT SITES



II. FINANCIAL

A. Following is a summary of costs invoiced through 21 May 1981 :

	<u>Budget</u>	<u>Invoiced To Date</u>	<u>Paid To Date</u>
U.S. AID	\$ 5,355,261	\$ 2,860,270	\$ 2,489,210
DGC		Rp. 43.427.555,-	Rp. 43.427.555,-

B. A detailed breakdown by Contract line item of MAIN's invoices to U.S. AID is as follows :

	<u>Budget</u>	<u>Costs To Date</u>		
		<u>PLN</u>	<u>DGC</u>	<u>TOTAL</u>
Salaries & Wages	\$ 1,484,257	\$ 439,503	\$ 444,876	\$ 884,379
Fringe Benefits	278,636	65,598	70,915	136,513
Allowances	382,355	99,768	109,554	209,322
Travel & Transportation	959,825	214,547	193,298	407,845
Other Direct Costs	450,037	40,079	163,426	203,505
Overhead	1,390,151	412,564	417,658	830,222
Fee	410,000	93,395	95,089	188,484
	<hr/>	<hr/>	<hr/>	<hr/>
TOTAL	\$ 5,355,261	\$1,365,454	\$1,494,816	\$2,860,270
	*****	*****	*****	*****

III. ENGINEERING

A. General

During the reporting period, engineering was completed for all three outer island demonstration projects. The demonstration project at Lombok was done entirely by a PDO task force. Cost in terms of effect on overall project implementation should be considered. Delay in completion of the total project has been increased due to time spent on these projects.

B. Lampung

Construction of the Lampung Demonstration Project began on March 1981. As of July 1, 1981 service was being provided to approximately 800 customers with power and energy provided by temporary installation of five 100 KW generating units provided by USAID. Engineering for installation of the generating units was by Chas. T. Main. It is anticipated that operation of the demonstration project will prove to potential customers that value of electric service surpasses cost.

The following listed data shows status of centerline staking for the Lampung Project.

	<u>PRE-DESIGN</u>	<u>FINAL</u> <u>DESIGN</u>	<u>USAID</u> <u>APPROVED DESIGN</u>
Primary Centerline (with underbuilt)	563 KM	80 KM	
Secondary Centerline	411 KM	65 KM	
Desas Completed	108	8	

Pre-design staking is 100% complete.

Final design staking is 16.5% complete

Total drawings required - 927*

Total drawings completed - 42**

% of Completion - 4.53%

C. Lombok

Construction of the Lombok Demonstration Project began quite early in the project and is presently complete. Approximately 2,000 customers are served. The Demonstration Project was completed mostly as a result of the PDO Task Force effort. Several trips have been made to visit productive uses examples at the Lombok Demonstration Project with rather general agreement that overall effect is very positive.

* All 927 LP final mylars have backgrounds traced

** Ready for checking by engineer

The following data shows status of the Lombok centerline staking as of June 30, 1981

	<u>PRE-DESIGN</u>	<u>FINAL DESIGN</u>	<u>USAID APPROVED DESIGN</u>
Primary Centerline (with underbuilt)	90 KM	90 KM	
Secondary Centerline	18 KM	18 KM	
Desas Completed	30		

Pre-design staking is 90% complete
 Final design staking is 90% complete
 Total Drawings required - 300
 Drawings completed - none

D. Luwu

Material has been procured for the Luwu REIL project. It is anticipated that the material will arrive at Luwu so that construction can begin in late July. Engineering for this demonstration project is complete and has been approved by USAID with a few minor exceptions.

	<u>PRE-DESIGN</u>	<u>FINAL DESIGN</u>	<u>USAID APPROVED DESIGN</u>
Primary Centerline (with underbuilt)	245 KM (Main) 18 KM (REIL)	0 KM (Main) 12KM (REIL)	
Secondary Centerline	214 KM	7 KM	
Desas Completed	50	6	

Pre-design staking is 77% complete
 Final design staking is 4.2% complete
 Total drawings required - 353
 Total drawings completed - 14
 % of completion - 3.97%

IV. PROCUREMENT

A. Distribution Line Material

Distribution Material procurement has not progressed well during the reporting period. A tabular summary of present status is included in the Appendices to show present status of distribution line material procurement.

Issue of all Invitation for Bids was completed and bids received. However, submittal of evaluations, approval of evaluations, contract award, contract preparation and contract signing was not completed within the period of bid validity. Proposals were withdrawn by several suppliers.

Problems created by these proposal withdrawals resulted in need for re quoting in one instance and a similar procedure will be required for several other contracts.

Reasons for failure to accomplish all phases of contract processing during period of bid validity are numerous and include:

1. Unfamiliarity with USAID procurement procedure by all parties.
(PDO, CTM, & USAID)
2. Lack of efficient approval process for IFB's, advertising IFB's, contract award and contract signing.
3. Inadequate staff. (PDO & CTM)
4. Extremely strict requirement to complete all details of one phase of process before proceeding to the next phase.
5. Long time for issue of Letters of Commitment.
6. Difficulty with SEKNEG approvals.

B. Housewiring and Metering Materials

IFB's for housewiring and metering material procurement were issued in March, bids received in May, and evaluation is nearing completion. Bids were not received for one category. It is proposed to obtain bids for this category by locating suppliers who will express particular interest and request proposals on a limited basis. This procedure has been approved by USAID.

Lessons learned in distribution material procurement will greatly reduce the chance of recurrence in housewiring material procurement.

C. Tools & Equipment

IFB's were issued in March 1981 and bids were received and opened in May 1981. Evaluation is nearing completion.

As in the case of housewiring material we anticipate great improvement in contract processing.

D. Poles

A pole IFB was issued, bids received and evaluated and a recommendation for contract award was sent to PDO. However, contracts have not been awarded. Bid validity has expired. DGC/PDO has decided to investigate the possibility of acquiring their own pole processing facilities rather than procure poles from commercial suppliers. Final decisions in this matter have not been made.

E. Headquarters Complexes

A contract with Arkonin Consultants was negotiated and signed by C. T. Main in early 1981 to provide architectural services for headquarters complexes. Essentially all engineering is complete. However, the final draft of the IFB submitted by Arkonin is not acceptable. C. T. Main will work with Arkonin to produce an acceptable IFB as soon as possible.

Arkonin is unable to provide headquarters complex construction supervision acceptable to USAID. C. T. Main will work with Arkonin, USAID and others to resolve this problem as soon as possible.

V. ADMINISTRATION

Chas. T. Main offices were moved to the 13th floor of the Sarinah Building, Jl. Thamrin, Jakarta. Facilities provided by DGC/PDG at the new location are a great improvement over earlier facilities.

In other areas, support is still not in compliance with the agreement. A full complement of engineers and draftsmen to be trained by Chas. T. Main according to Amendment No. 1 to Main's Contract AID/ASIA-C-1357 has not been provided by PDO.

Vehicles and drivers are generally available as needed at the present time, but there have been and continue to be periods when support in this area is inadequate.

Housing at Luwu for the Field Distribution Supervisor has been provided by GOI.

VI. PROBLEM AREAS

The most significant problems have been largely associated with staff turnover. As can be seen from the Personnel section of this report, Chas. T. Main has had changes in many positions. A similar situation within USAID and DGC/PDO has also existed. Complexity of the project makes maintenance of continuity very difficult with so many changes taking place.

Several individuals in key positions have lacked the sense of urgency necessary to assure project success. A proper sense of "need to act" must be accepted by all individuals.

Coordination of all parties must be improved. Lack of coordination is to some extent caused by personnel turnover mentioned above but complex organizational planning also has contributed to coordination problems. Improved coordination can only be accomplished by a commitment of all parties to strive toward that goal.

Specific problems during the reporting period were too numerous to list in this report. However, with very few exceptions they resulted from one or more of the problems stated above.

APPENDIX - 1

PROJECT PERSONNEL

Project Personnel at beginning of Reporting Period.

J.W. Brower	- Project Director
H.E. Johnson	- Lead Engineer
G.G. Smith	- Electrical Engineer
D.K. Hoffer	- Drafting Supervisor
F.P. Cachin	- Field Distribution Supervisor
R.M. Garcia	- Field Distribution Supervisor
C.T. Nuez	- Field Distribution Supervisor
G.S. Daniel	- Electrical Design Engineer
V.H. Sydiongco	- Civil Engineer
Avanti Hardjanegara	- Secretary

June 1980 E.V. Borja arrived as Electrical Design Engineer.

September 1980 H.E. Johnson was transferred to the PLN Central Java
R/E Project at Semarang. Duties assumed by G.G. Smith.
P.J. Korin began work as Administrative Assistant.
D.A. Dowling arrived as Project Director.

December 1980 T.L. Resabal arrived as Electrical Design Engineer.

January 1981 J.W. Pitts was transferred from Semarang on temporary
assignment.

January 1981 J.W. Brower departed from Indonesia.

March 1981 P.V. Wilson was assigned as Material Coordinator.

April 1981 C.J. Whitby was assigned on 1/2 time basis as Administrator.

May 1981 Avanti Hardjanegara and J.W. Pitts discontinued work on the project.

June 1981 Srie Rahaju Wiludjeng hired as Secretary.

Present Personnel Assigned to the Project.

D.A. Dowling	- Project Director
G.G. Smith	- Lead Engineer
P.V. Wilson	- Material Coordinator
C.J. Whitby	- Administrator
E.V. Borja	- Electrical Design Engineer
T.L. Resabal	- Electrical Design Engineer
G.S. Sanial	- Electrical Design Engineer
D.K. Hoffer	- Drafting Supervisor
F.P. Cachin	- Field Distribution Supervisor
C.T. Nuez	- Field Distribution Supervisor
R.M. Garcia	- Field Distribution Supervisor
V.H. Sydiongco	- Civil Engineer
P.J. Korin	- Administrative Assistant
Srie Rahaju Wiludjeng	- Secretary

Replacement Personnel

Mr. Eugene Leffler is scheduled to arrive in Jakarta in late July to begin work on the Project. He will eventually fill the position of Lead Engineer when Mr. Smith completes his assignment on October 1, 1981.

Mr. John D. Kerr is scheduled to arrive in late August to fill the position of Electrical Engineer.

Both Mr. Leffler and Mr. Kerr have had experience which will greatly enhance Project success.

JOB CLASSIFICATIONS & MANMONTHS

THROUGH : MAY 21, 1981

JOB CLASSIFICATIONS	LOCATION	AGENCY		PERSONNEL ASSIGNED	MANMONTH		% CONS.	% REMAIN
		PLN	DGC		ALLOCATED	CONSUMED		
Project Director	Jakarta	x	x	D. A. Dowling	40	30.6	76.5	23.5
Business Manager	Semarang	x	x	R. N. Key	39	30.3	77.7	22.3
Administrative Ass't.	Jakarta	x	x	P. Korin	24	9.7	40.4	59.6
Area Manager	Semarang	x		H. E. Johnson	24	7.5	31.3	68.7
Lead Elect. Engineer	"	x		F. W. Hill	38	26.9	70.8	29.2
Civil Engineer	"	x		B. R. Morrow	24	18.9	78.8	21.2
Architect	-	x		-	3	-	-	-
Distrib. Const. Sup'r.	Semarang & Jakarta	x	x	J. W. Pitts	37	29.2	78.9	21.1
Field Supervisor	Semarang	x		J. J. Bennett	34	25	73.5	26.5
Field Supervisor	"	x		J. V. Hardman	35	25.8	73.7	26.3
Lead Elect. Engineer	Jakarta		x	G. Smith	39	27.4	70.3	29.7
Elect. Engineer	"		x		24	24.0	100.0	- 0 -
Electrical Engineer	"		x	E. Borja	24	9.3	38.8	61.2
Electrical Engineer	"		x	G. S. Sanial	24	11.1	46.3	53.7
Electrical Engineer	"		x	T. Resabal	24	5.8	24.2	75.8
Civil Engineer	"		x	V. H. Sydiongco	24	11.3	47.1	52.9
Senior Draftsman	"		x	D. K. Hoffer	24	15.0	62.5	37.5
Field Supervisor	Lampung		x	F. Cachin	35	28.5	81.4	18.6
Field Supervisor	Loabok		x	C. T. Nuez	35	23.2	66.3	33.7
Field Supervisor	Luwu		x	R. Garcia	35	28.8	82.3	17.7
Materials Supervisor	Jakarta		x	P. Wilson	12	2.7	22.5	77.5
Admin. Manager	Jakarta	x	x	J. Whitby	-	.8	-	-
Boston Office					90	50.9	56.5	43.5
					688	442.7		

Mr. Whitby has been approved by U.S. AID for work on this Project. Provision for this position will be included in a future contract amendment.

**Bar Charts will be updated and S Curves added.
They will be included in the July 1981 Report.**

LEGEND

-  Prior work accomplished
-  Work accomplished during reporting period.

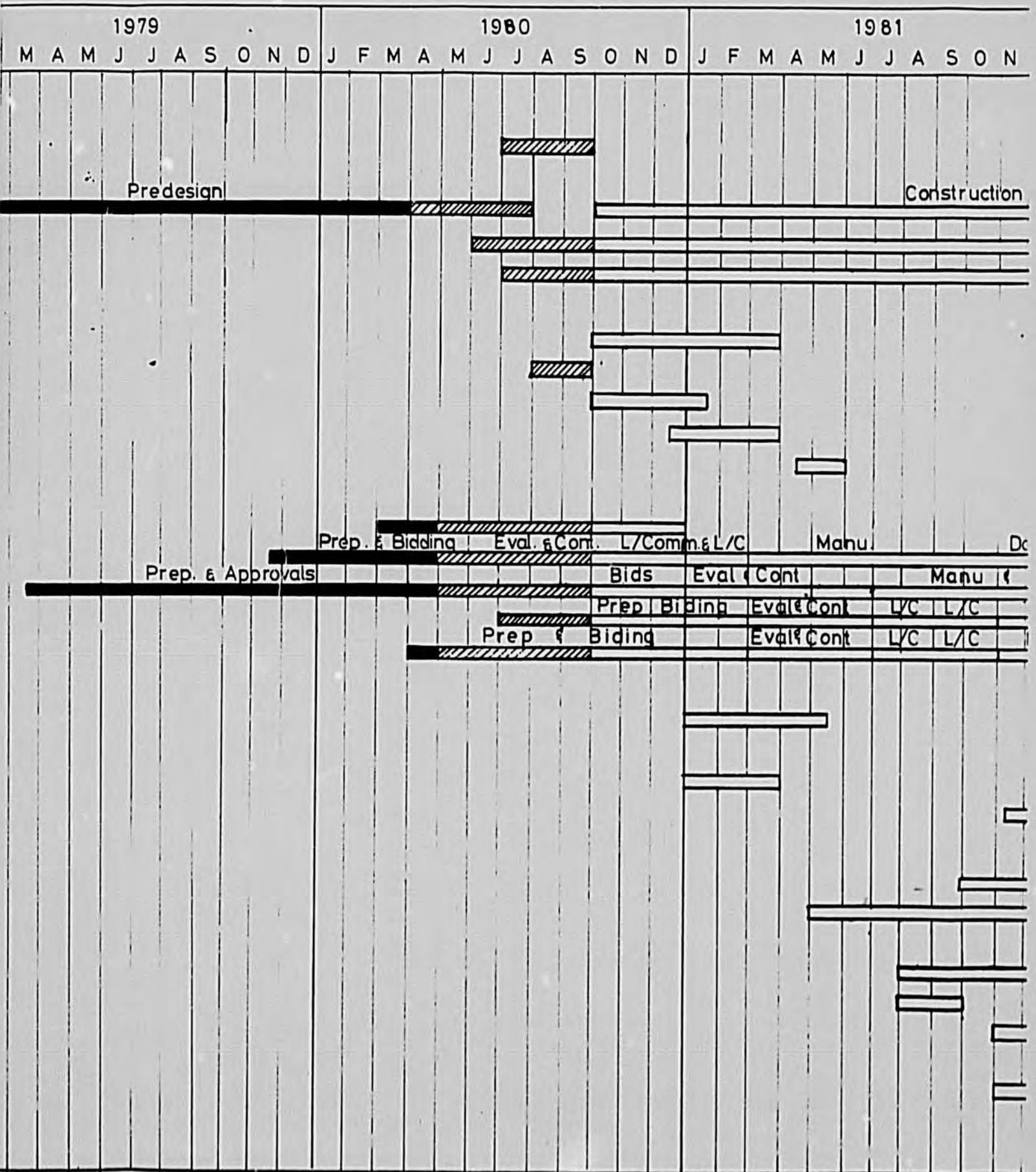
ACTIVITY	PERCENT OF PROJECT	1978				1979								
		S	O	N	D	J	F	M	A	M	J	J	A	S
ENGINEERING														
DEMONSTRATION PROJECT														
DISTRIBUTION SYSTEM														
CENTERLINE STAKING														
SYSTEM DESIGN														
CONSTRUCTION DRAWINGS														
HEADQUARTERS COMPLEX														
A & E SERVICE														
SITE INVESTIGATION														
PRELIMINARY DESIGN														
FINAL DESIGN														
CONSTRUCTION DOCUMENTS														
PROCUREMENT														
DEMONSTRATION PROJECT														
LINE MATERIALS														
POLES														
TOOLS & EQUIPMENT														
HOUSWIRING														
CONSTRUCTION														
DEMONSTRATION PROJECT														
DISTRIBUTION SYSTEM														
CONTRACTOR SERVICES														
LINE CONSTRUCTION														
LINE TESTING														
HOUSE WIRING AND METERS														
SERVICES														
HEADQUARTERS COMPLEX														
CONTRACTOR SERVICES														
SITE DEVELOPMENT														
FOUNDATIONS														
STRUCTURES														
SUPPORT SYSTEMS														
FINISH DETAILS														

LEGEND

-  Prior work accomplished
-  Work accomplished during reporting period.

ACTIVITY	PERCENT OF PROJECT	1978					1979						
		S	O	N	D	J	F	M	A	M	J	J	A
<u>ENGINEERING</u>													
DEMONSTRATION PROJECT													
DISTRIBUTION SYSTEM													
CENTERLINE STAKING						Predes							
SYSTEM DESIGN													
CONSTRUCTION DRAWING													
HEADQUARTERS COMPLEX													
A & E SERVICE													
SITE INVESTIGATION													
PRELIMINARY DESIGN													
FINAL DESIGN													
CONSTRUCTION DOCUMENTS													
<u>PROCUREMENT</u>													
DEMONSTRATION PROJECT													
LINE MATERIALS													
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LINE CONSTRUCTION													
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HOUSEWIRING AND METERS SERVICES													
HEADQUARTERS COMPLEX													
CONTRACTOR SERVICES													
SITE DEVELOPMENT													
FOUNDATION													
STRUCTURES													
SUPPORT SYSTEM													
FINISH DETAILS													

PROJECT STATUS
 SINAR SIWO MEGO COOPERATIVE
 CENTRAL LAMPUNG



LEGEND



Prior work accomplished
 Work accomplished during reporting period.

ACTIVITY	PERCENT OF PROJECT	1978				1979								
		S	O	N	D	J	F	M	A	M	J	J	A	
<u>ENGINEERING</u>														
DEMONSTRATION PROJECT														
DISTRIBUTION SYSTEM														
CENTERLINE STAKING														
SYSTEM DESIGN														
CONSTRUCTION DRAWINGS														
HEADQUARTERS COMPLEX														
A & E SERVICE'														
SITE INVESTIGATION														
PRELIMINARY DESIGN														
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<u>PROCUREMENT</u>														
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SERVICE														
HEADQUARTERS COMPLEX														
CONTRACTOR SERVICES														
SITE DEVELOPMENT														
FOUNDATIONS														
STRUCTURES														
SUPPORT SYSTEM														
FINISH DETAILS														

Pre

LEGEND



Prior work accomplished



Work accomplished during reporting period.

ACTIVITY	PERCENT OF PROJECT	1978				1979								
		S	O	N	D	J	F	M	A	M	J	J	A	
ENGINEERING														
DEMONSTRATION PROJECT														
DISTRIBUTION SYSTEM														
CENTERLINE STAKING														
SYSTEM DESIGN														
CONSTRUCTION DRAWINGS														
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CONTRACTOR SERVICES														
SITE DEVELOPMENT														
FOUNDATIONS														
STRUCTURES														
SUPPORT SYSTEM														
FINISH DETAILS														

PDO/RE - USAID

DISTRIBUTION MATERIAL PROCUREMENT STATUS

<u>LOCATION</u>	<u>CONTRACT NO</u>	<u>CONTRACTOR</u>	<u>BID CATEGORY</u>	<u>USAID APPROVAL</u>	<u>SEKNEG APPROVAL</u>	<u>LTR OF</u>	<u>CONTRACT</u>	<u>SIGNING</u>	<u>PERFORMANCE</u>	<u>REVISED</u>	<u>STATUS NOTES*</u>	
				<u>CONTRACT</u>	<u>REBID</u>	<u>CONTRACT</u>	<u>REBID</u>	<u>INTENT</u>	<u>CONTRACTOR</u>	<u>PDO/RE</u>		<u>BOND</u>
Lampung	01/KLP/LA/81	Ohm	1-3-7-8-13	X	X	X	X	X	X	X	X	1
	02/KLP/LA/81	New World	2-4-10-14	X		X		X	X	X		2
	03/KLP/LA/81	Futura	9	X	X		X	X	X	X		3
	04/KLP/LA/81	Graybar	5	X	X		X	X	X			4
	05/KLP/LA/81	Irby	12	X	X		X	X				5
	06/KLP/LA/81	Meta Epsi	11	X	X		X	X	X	X		4
	07/KLP/LA/81	Kabelindo	6	X	X		X	X	X	X		2
	08/KLP/LA/81	Ohm	15	X	X	X	X	X	X		X	1
Luwu	01/KLP/LW/81	Sidohita	1	X	X		X	X	X	X		6
	02/KLP/LW/81	Copperweld	2-5	X	X		X	X	X	X		7
	03/KLP/LW/81	Haitai	3	X	X		X					8
	04/KLP/LW/81	Malsin Lihwa	4	X	X		X	X	X	X		9
	05/KLP/LW/81	Kabelindo	6	X	X		X	X	X	X		2
	06/KLP/LW/81	PLP-Brazil	7	X	X		X	X	X	X		2
	07/KLP/LW/81	Irby	8	X	X		X	X	X			5
	08/KLP/LW/81	Maison	9-15	X	X		X	X	X	X		3
	09/KLP/LW/81	New World	10-14	X	X		X	X	X	X		4
	10/KLP/LW/81	Daewoo	11	X	X		X	X	X	X		4
	11/KLP/LW/81	McGraw-Edison	12	X	X		X	X	X	X		4
	12/KLP/LW/81	Westinghouse	13	X	X		X					3
Lombok	01/KLP/LO/81	Ohm	1-2-5-6-8- 10-13 & 15				X				X	1
	02/KLP/LO/81	Chance/Tinelco	7	X	X		X					3
	03/KLP/LO/81	McGraw-Edison	12	X	X		X					11
	04/KLP/LO/81	Futura	3-9-14	X	X		X					3
	05/KLP/LO/81	New World	4	X	X		X					10
	06/KLP/LO/81	Futura	11	X	X		X					3

*See attachment for "Status Notes"

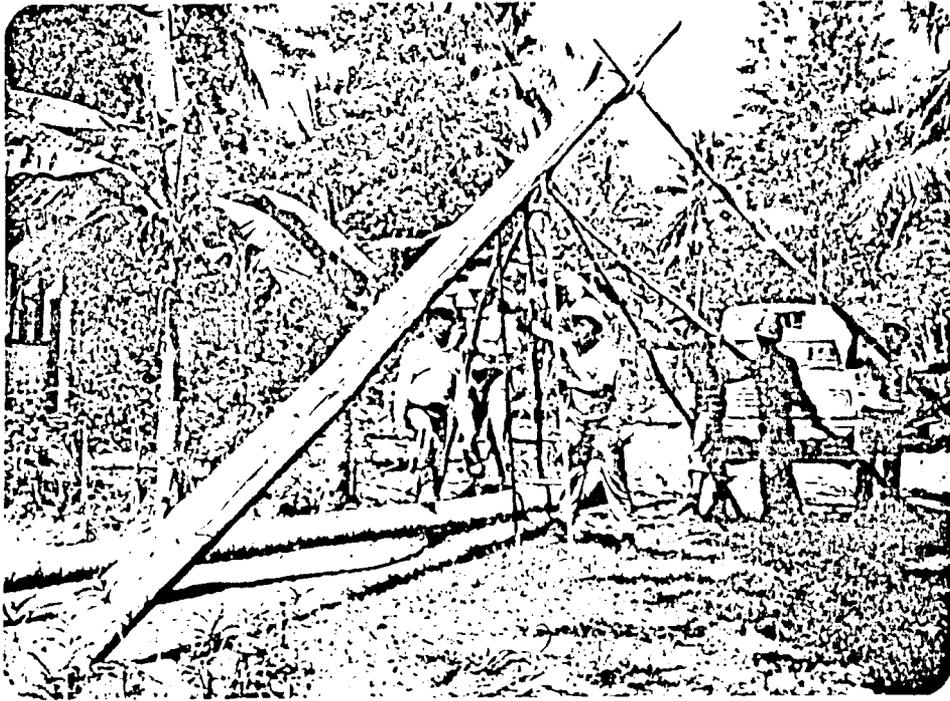
Lampung Bids opened on June 29 and July 2, 1980.

Luwu Bids opened on August 18, 1980.

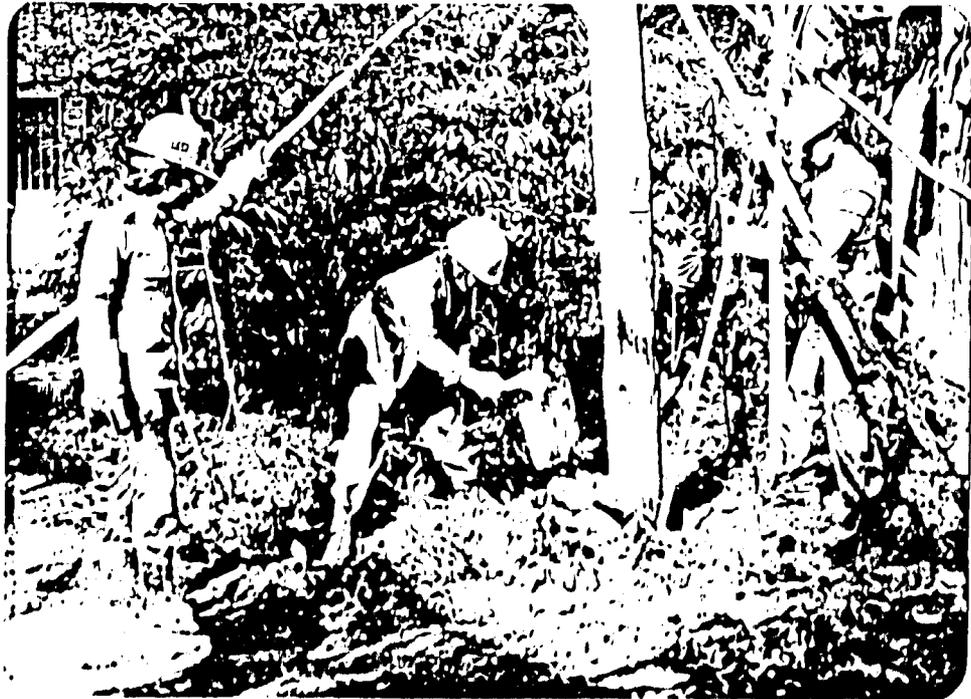
Lombok Bids opened on October 27, 1980.

STATUS NOTES

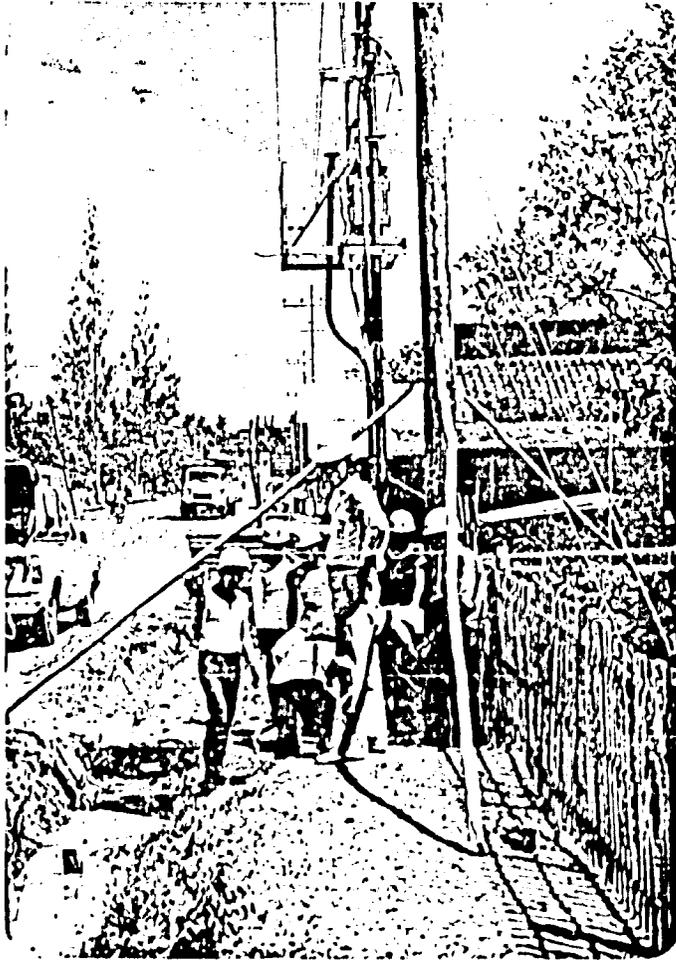
1. Ohm withdrew bid. Request for requote resulted in only one bid which was about 40% higher than Ohm bid. No decision on further action at this time.
2. L/C and L/Comm or DRA issued. Awaiting delivery.
3. Futura has stated they will not furnish performance bond nor proceed with contract without a price increase. Will most likely be requoted or rebid-- no decision yet.
4. L/Comm or L/C in process.
5. Awaiting price change confirmation on new quantities.
6. Performance bond must be revised before requesting L/Comm and L/C.
7. L/Comm & L/C requested. Contract amendment will be required.
8. SEKNEG insists contract must be awarded to Kelana Permai.
USAID insists contract must be awarded to Hai Tai. Not resolved yet.
9. PDO presently requesting BAPPENAS approval - will then request L/Comm & L/C.
10. Picked up contract July 3. No contact subsequently.
11. Picked up contract and paid stamp tax. Contract not yet returned.



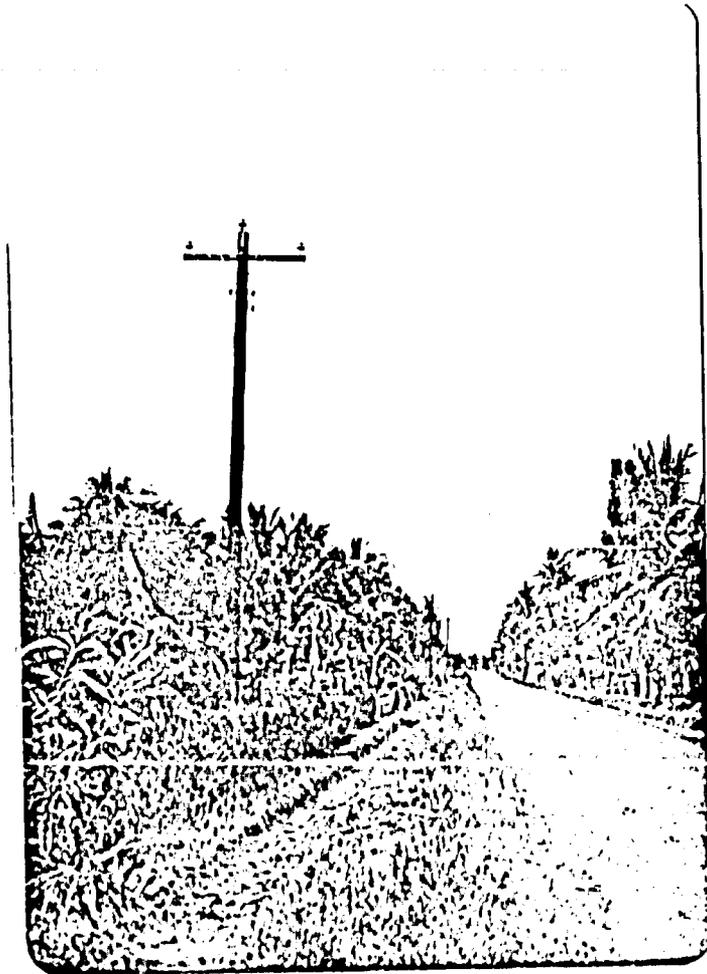
POLE SETTING IN LAMPUNG



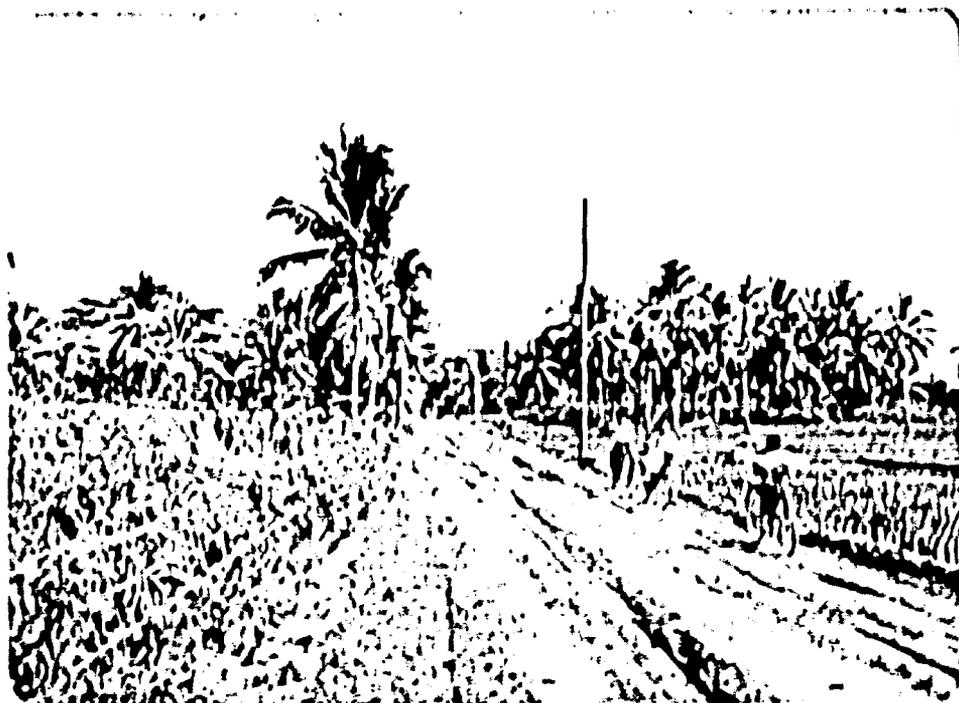
BACK FILLING AROUND POLE

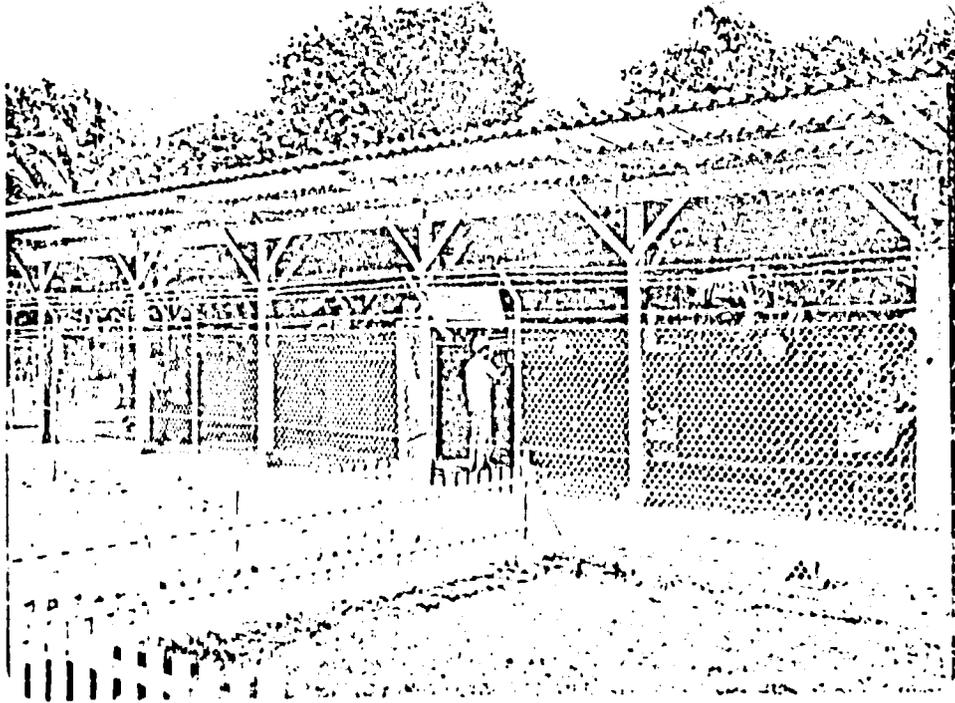


POLE SETTING IN METRO



LINE CONSTRUCTION IN LAMPUNG





LAMPUNG REIL

GENERATING STATION

