

349

**DIRECTORATE GENERAL OF COOPERATIVES**

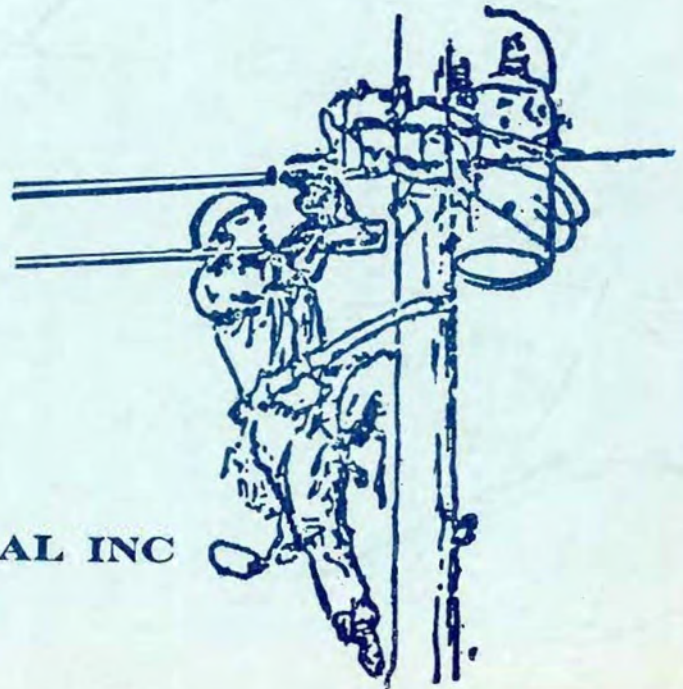
**AID LOAN NO. 497 - T - 052  
RURAL ELECTRIFICATION PROJECT  
CONTRACT  
AID / ASIA - C - 1357**

MONTHLY REPORT  
FOR DECEMBER 1982



**CHAS. T. MAIN INTERNATIONAL INC**

*BEST AVAILABLE COPY*



**MAIN**

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

*Engineers*

BANDUNG - TROMOLPOS 69. TEL. : 56869. JLN. PROGO 32  
 JAKARTA - P.O. BOX 46 KBYT. KEBAYORAN TIMUR. TEL. 774041-2. - 776925 JL. WIJAYA 1/61  
 SEMARANG - P.O. BOX 26. TEL. : 311702. JLN. SLAMET 5

Date : January 15, 1983.

Letter No. : R - 4037.

USAID  
 C/O American Embassy  
 Jl. Merdeka Selatan 5,  
 Jakarta Pusat.

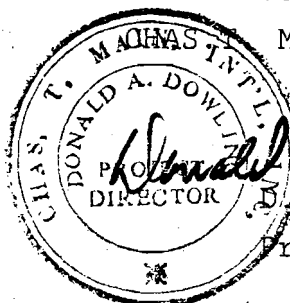
Attention: Mr. J.D. Baird  
 Project Officer  
 Rural Electrification I

Subject : Rural Electrification  
 Contract No. AID/ASIA-C-1357  
MONTHLY REPORT for DECEMBER 1982

Gentlemen:

Attached hereto are twelve (12) copies of our report No. 38  
 summarizing MAIN's activity for the month ending 31 December 1982.

Very truly yours,  
 MAIN INTERNATIONAL, INC.,



*Donald A. Dowling*  
 D.A. Dowling  
 Projects Director

- cc: Mr. Soedjanadi - Director General of Cooperatives  
 w/3 copies.  
 Mr. Muslimin Nasution - Secretary to the Deputy Minister  
 of Cooperatives, w/2 copies.  
 Mr. Sjoufjan Awal - Chief, PDO/RE, w/6 copies.  
 Mr. Achmad Markam - Chief, Foreign Technical Aid Division/  
 Secretariat to the Directorate General  
 of Cooperatives, w/1 copy.  
 Mr. Ray Shoff - NRECA, w/2 copies.  
 Mr. G. Sen - MAIN Boston, w/2 copies.

RS.

R E P O R T

NO. 38

RURAL ELECTRIFICATION PROJECT - INDONESIA  
UNITED STATES AGENCY FOR INTERNATIONAL DEVELOPMENT  
LOAN NO. 497-T-052

MONTHLY REPORT

DECEMBER 1982

SUBMITTED BY

CHAS. T. MAIN INTERNATIONAL, INC.,

RURAL ELECTRIFICATION PROJECT  
MONTHLY REPORT  
DECEMBER 1982  
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 area-wide electric power distribution facilities in ten specific 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). Seven systems will be located in the Province of Central Java under the direction of the National Electric Power Agency (PLN). Information presented in this report applies to the DGC service areas only.

The Cooperative Projects will consist of 2,171 kilometers of overhead primary and secondary distribution lines and is planned to encompass at least 190 towns and villages. The completed Project will ensure the eventual availability of reliable and inexpensive electric service to an estimated 110,000 homes. Approximately 51,500 customers are scheduled to be connected during the first three years of operation and the remainder are planned to be connected during the following twelve years.

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

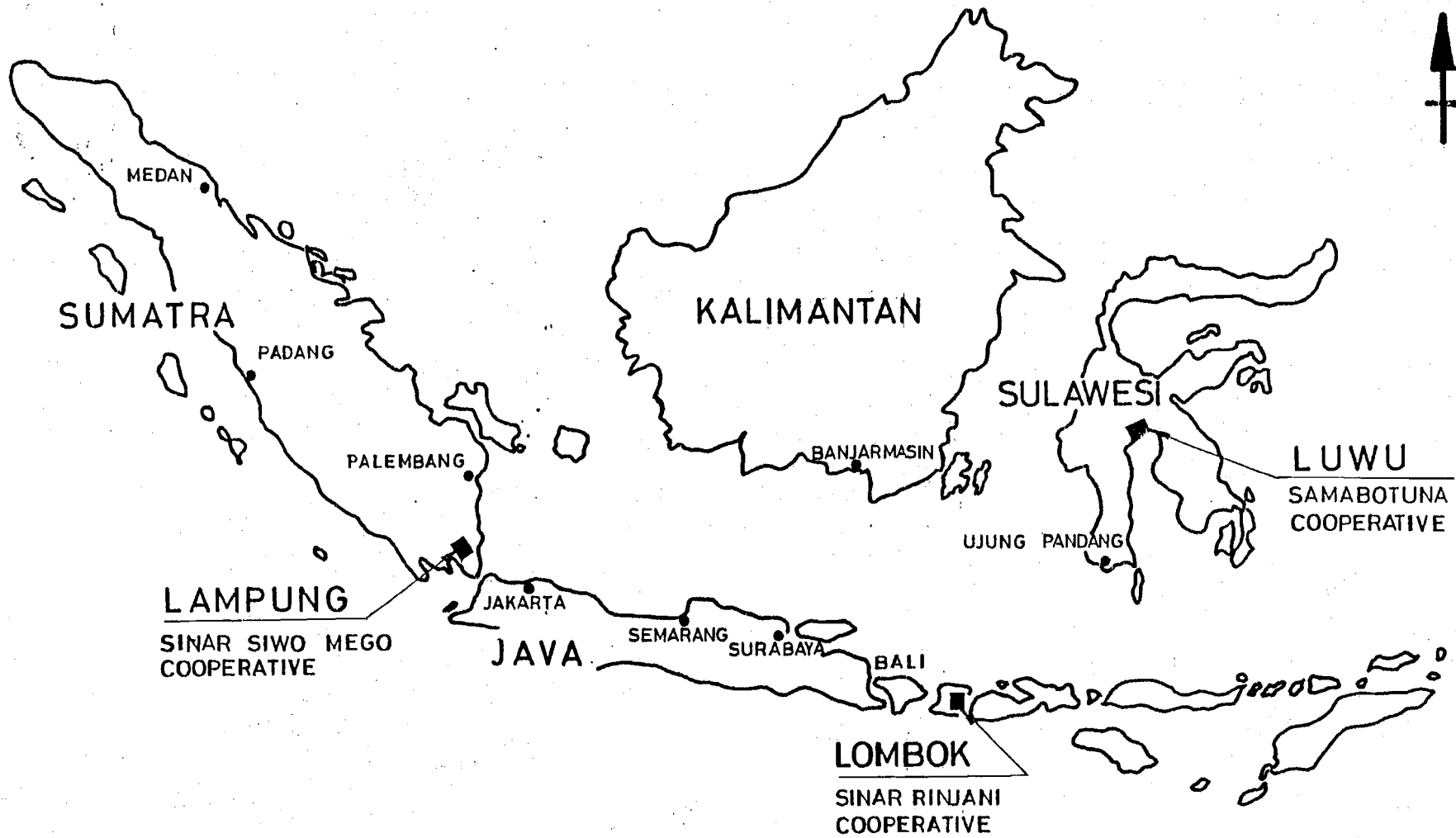
The power requirements of the completed distribution system will be supplied by diesel powered electric generating plants which shall be owned and operated by each of the Cooperatives. These generating plants are to be installed by virtue of Loan and Grant Funds provided by CIDA as well as GOI Funds.

Locations of the three Cooperative service areas are shown on Page 3 of this report. Project service areas, estimated pole line kilometers, numbers of villages to be 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>POLE ** LINE KM</u>	<u>VILLAGES TO BE SERVED</u>	<u>APPROXIMATE NO. OF CONNECTIONS</u>
Central Lampung Sumatra	Sinar Siwo Mego	1,405	108	23,000
East Lombok	Sinar Rinjani	155	32	14,000
Luwu South Sulawesi	Samabotuna	611	50	14,500
	T O T A L	2,171	190	51,500

\*\* Revised to correspond with the systems as designed and staked.

# LOCATIONS OF PROJECT SITES



## II. ENGINEER'S SCOPE OF WORK

On 18 September 1978, Contract No. AID/ASIA-C-1357 was executed between the United States Agency for International Development (USAID) and Chas. T. Main International, Incorporated (MAIN). MAIN's scope of work, as described in this Contract as amended, is as follows :

### A. ENGINEERING/DESIGN

MAIN will be responsible for all phases of the Cooperative distribution systems to include field surveys, electrical design studies and the preparation of material, equipment and construction specifications. The design and construction management of Headquarters Complexes at each of the three Cooperative sites will also be MAIN's responsibility.

### B. PROCUREMENT

Procurement activities to be performed by MAIN shall include the preparation and issuance of tender documents, evaluation of proposals received, recommendations for awards of contracts, preparation and administration of supply contracts and assistance to PDO/RE and the Cooperatives in the receiving, inspection and storage of project material and equipment.

### C. CONSTRUCTION

MAIN shall be responsible for administrative



procedures relevant to the construction of the Cooperative distribution systems and Headquarters Complexes. Responsibilities shall include the pre-qualification of local construction contractors, the preparation and issuance of construction tender documents, bid evaluations for awards of contracts and the preparation and administration of construction contracts.

Construction records to be maintained by MAIN shall include distribution system construction inventories, as-built construction drawings, construction schedules and documentation for payments to the construction contractors. MAIN shall also be responsible for construction supervision and inspection of all aspects of the contractors' construction activities.

D. TRAINING

The PDO/RE staff will increase their administrative and technical skills through active participation in MAIN's Project activities.

This transfer of technology through On-The-Job Training is primarily for Electrical Engineers and Design Draftsmen who are designated to be assigned, as available, to MAIN's production staff.

III. FINANCIAL

A. Following is a summary of costs invoiced to USAID through 2 Dec. 1982 and to DGC through 9 Dec. 1982.

<u>CLIENT</u>	<u>BUDGET</u>	<u>INVOICED TO DATE</u>	<u>PAID TO DATE</u>
USAID	\$ 5,706,714	\$ 4,733,332.	\$ 4,669,811.
DGC/PDO	-	Rp. 60.604.027,-	Rp 60.604.027,-

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

<u>Description</u>	<u>Authorized Budget</u>	<u>Costs To Date</u>		
		<u>PLN</u>	<u>DGC/PDO</u>	<u>TOTAL</u>
Salaries & Wages	\$1,829,038	\$ 673,674	\$ 817,377	\$ 1,491,051
Fringe Benefits	243,461	94,791	99,377	194,168
Allowances	433,099	150,928	212,488	363,416
Travel & Transportation	774,914	343,816	317,286	661,102
Other Direct Costs	288,312	48,334	220,559	268,893
Overhead	1,712,890	632,210	764,946	1,397,156
Fixed Fee	425,000	162,626	194,920	357,546
<b>T O T A L</b>	<b>\$5,706,714</b>	<b>\$2,106,379</b>	<b>\$2,626,953</b>	<b>\$ 4,733,332</b>

#### IV. ENGINEERING

##### A. SYSTEM DESIGN

The office design of the electrical distribution systems of the three (3) Cooperative service areas is complete. Preparation of maps continued during this report period.

The following pages indicate the previous current and total progress of mapping, survey and staking sheet preparation for each service area; page 8 - Lampung, Page 9 - Lombok and Page 10 - Luwu. The staking sheets are complete for the three Project service areas. The Project line length totals 2,171 kilometers which is approximately 1,000 kilometers more than that anticipated in the Project's Feasibility Report.

The Key Maps of the three distribution systems have been completed. The system Detail Maps for the Sinar Rinjani Cooperative and half of the Detail Maps for the Samabotuna Cooperative are complete and have been distributed.

##### B. FIELD TRIPS

MAIN's Project Office Engineering Staff did not make any field trip's during the course of this report period.

STATUS REPORT OF MAPS, SURVEY AND STAKING SHEETS INDICATING SELECTED KEY QUANTITIES

FOR THE SERVICE AREA : LAMPUNG

<u>DESCRIPTION</u>	<u>ESTIMATED QUANTITY</u>	<u>PREVIOUSLY COMPLETED</u>	<u>PROGRESS THIS REPORT PERIOD</u>	<u>COMPLETED TO DATE</u>
1. Key Maps _____	2	2	0	2
2. Detail Maps _____	35	0	0	0
3. Centerline Staking Kilometers _____	974	1,405	0	1,405
4. Pole Staking Kilometers _____	974	1,405	0	1,405
5. Line Restaking Kilometers (Resurvey) _____	100	0	0	0
6. Staking Sheets _____	850	1,383	0	1,383
A) Checked _____	850	1,195	0	1,195
B) P o l e s _____	12,700	17,619	0	17,619
C) Pole Line Kilometers _____	974	1,405	0	1,405
(a) Primary _____	563	623	0	623
(b) Secondary _____	411	782	0	782
(c) Underbuild _____	424	599	0	599
D) Approved _____	850	* 98	0	* 98

\* REIL PROJECT

STATUS REPORT OF MAPS, SURVEY AND STAKING SHEETS INDICATING SELECTED KEY QUANTITIES

FOR THE SERVICE AREA : LOMBOK

<u>DESCRIPTION</u>	<u>ESTIMATED QUANTITY</u>	<u>PREVIOUSLY COMPLETED</u>	<u>PROGRESS THIS REPORT PERIOD</u>	<u>COMPLETED TO DATE</u>
1. Key Maps	1	1	0	1
2. Detail Maps	6	6	0	6
3. Centerline Staking Kilometers	** 196	155	0	155**
4. Pole Staking Kilometers	** 196	155	0	155**
5. Line Restaking Kilometers (Resurvey)	25	0	0	0
6. Staking Sheets	** 250	190	0	190**
A) Checked	250	190	0	190
B) P o l e s	2,600	2,097	0	2,097
C) Pole Line Kilometers	196	155	0	155
(a) Primary	148	113.5	0	113.5
(b) Secondary	48	41.5	0	41.5
(c) Underbuild	54	57.2	0	57.2
D) Approved	250	190	0	190

\*\* DIFFERENCE BETWEEN STAKED AND ESTIMATED LINE LENGTH IS DUE TO A TRANSMIGRATION AREA WITHIN THE COOPERATIVE'S SERVICE AREA WHERE IT IS NOT POSSIBLE TO DETERMINE LINE OR SERVICE LOCATIONS.

STATUS REPORT OF MAPS, SURVEY AND STAKING SHEETS INDICATING SELECTED KEY QUANTITIES

FOR THE SERVICE AREA : L U W U

<u>DESCRIPTION</u>	<u>ESTIMATED QUANTITY</u>	<u>PREVIOUSLY COMPLETED</u>	<u>PROGRESS THIS REPORT PERIOD</u>	<u>COMPLETED TO DATE</u>
1. Key Maps _____	2	2	0	2
2. Detail Maps _____	24	12	2	14
3. Centerline Staking Kilometers _____	477	611	0	611
4. Pole Staking Kilometers _____	477	611	0	611
5. Line Restaking Kilometers (Resurvey) _____	50	0	0	0
6. Staking Sheets _____	415	620	0	620
A) Checked _____	415	620	0	620
B) P o l e s _____	7,500	8,336	0	8,336
C) Pole Line Kilometers _____	477	611	0	611
(a) Primary _____	263	337	0	337
(b) Secondary _____	214	274	0	274
(c) Underbuild _____	214	256	0	256
D) Approved _____	415	620	0	620

V. PROCUREMENT.

A. Tenders for the supply and delivery of treated wood poles were received and opened in the PDO/RE Conference Room on 1 September 1982 for supply to the Lombok service area and 4 September 1982 for supply to the Luwu service area. Seven (7) IFB's were issued for each service area and all seven (7) firms who were issued an IFB were represented at the opening of the Tenders.

PDO/RE completed their evaluation of the Tenders received for the supply of Treated Wood Poles for the Lombok service area in October and the supply Contract between PDO/RE and P.T. Istana Griya for Rp. 196.817.000,- was signed on 13 November 1982.

The evaluation of the Tenders for the supply of Treated Wood Poles for the Samabotuna Cooperative was completed by PDO/RE on 11 November and subsequently sent to USAID for information and to SEKNEG for evaluation approval. Near the end of November PDO/RE requested the three lowest fully responsive Bidders on this Tender to extend the validity of their Bid Bond and prices.

During this report period SEKNEG negotiated with the three lowest responsive Bidders and contract awards may be made in the following manner :

Supply of Treated Wood Poles:

P.T. Putera Sutracco Sakti - Rp. 455.895.000,-

Delivery of Treated Wood Poles :

P.T. Ujung Lima - Rp. 151.627.000,-

Total Cost of Contract Rp. 607.522.000,-

The price of Rp. 607.522.000,- is in contrast with the lowest responsive tender price submitted and evaluated as Rp. 749.650.000,- by P.T. Indosakti. P.T. Putera Sutracco Sakti was in fact evaluated as the third lowest responsive Bidder on the Tender at a price of Rp. 806.017.000,-

The supply of Treated Wood Poles to be used to construct the electrical distribution system in the Lampung service area will be furnished from the Cooperative's treatment facility presently under construction. The main treatment tank is at site and was on it's foundation at the end of September. No further installation activity has been reported since then.

A new IFB series contains Bid requests for the following Categories of Material and Equipment for the area indicated :

<u>Cat. No.</u>	<u>Description</u>	<u>Lampung</u>	<u>Lombok</u>	<u>Luwu</u>
1	Line Hardware	x		x
3	Bare Conductor	x		x
7	Conductor Accessories	x		x
8	Connectors	x	x	x
9	Insulators			x
10	Protective Devices	x	x	x
11	Transformers	x	x	x
2H	Cables	x	x	x
3H	Wiring Devices-1	x	x	x
4H	Wiring Devices-2	x	x	x
5H	Protective Devices	x	x	x
7H	Misc. Material-1	x	x	x
8H	Misc. Material-2	x	x	x
9H	Misc. Material-3	x	x	x
10H	Grounding Material	x	x	x
5T	Shop Tools	x	x	x



The schedule of events relevant to this new IFB series is as follows :

<u>E V E N T</u>	<u>D A T E</u>	<u>MONTHS</u>
IFB Preparation Started	31 August 1982	
IFB Preparation complete	30 November 1982	3
IFB Approved by PDO/RE and USAID	15 December 1982	0.5
IFB Advertisement	1 December 1982	0.5
IFB Opening	29 January 1983	2
IFB Evaluation complete	31 March 1983	2
Contract formalities complete	30 June 1983	3
L/Com and L/C issued and opened	15 August 1983	1.5
Material Delivery FOB vessel	15 November 1983	3
Material Delivery Port of Entry	31 December 1983	1.5
Material Delivery at site	31 January 1984	1
		<u>17</u>

The above schedule is based upon time periods required for procurement procedures of completed material and equipment Contracts on this Project.

It was determined at the end of this report period that a small quantity of additional bare conductor will be required to complete the Sinar Rinjani electrical distribution system in the Lombok service area. The bare conductor suppliers under contract to supply bare conductor for this service area, Leader Cable Corp./ Sidohita were requested by MAIN to indicate their willingness to supply the additional material at the original contract price. The increase in material required will increase the original contract price from approximately U.S. \$ 172,000. by U.S. \$ 24,000 to U.S. \$ 196,000,-

A reply from Leader Cable Corp/Sidohita had not been received by MAIN at the end of this report period.

B. PROCUREMENT STATUS REPORT.

Information covering Project Procurement is appended to this report as Appendix - II.

C. FIELD TRIPS.

During this report period MAIN's Project Material/Construction Coordinator visited the Lombok Project site. Discussed here will be only those portions of Mr. Wilson's trip report concerning material and equipment delivery and storage at The Project service area he visited. Mr Wilson was accompanied by Mr R. Bagjo of PDO/RE . This field trip was accomplished during the period ~~December 22-27, 1982.~~ December 22-27, 1982.

Mr Wilson visited the port of Entry for the Lombok service area, "Lembar" to check the material and equipment presently stored in the Customs Port Warehouse. He later held discussions on Project matters with the ~~Clearing agent~~ Clearing agent whose offices are in Mataram.

During the course of previous visits to the Sinar Rinjani Cooperative Mr Wilson had recommended additional space be prepared for temporary storage of material and equipment for the main Project. It was noted during this trip that the recommendations had been pursued and temporary storage of the main Project material and equipment is adequate at least through to the end of February 1983. Mr Wilson suggested a location at the headquarters complex site where the Treated Wood Poles for the main Project may be stored until installed. There will be adequate material and equipment storage space at each of the Project Headquarter complexes for normal operations and maintenance.

The problem presently being faced is the storage of material and equipment at each location for the entire electrical system material and equipment on a temporary Bases. Material and equipment are usually installed as they are delivered on projects of this magnitude thereby reducing the quantity of items that must be stored. All or practically all of the Project material and equipment will have been delivered and stored on this Project before construction commences.

Thirty six of the forty eight distribution transformers shipped from Samabotuna Cooperative have been received at the Sinar Rinjani Cooperative, while the remaining twelve are awaiting transshipment at Surabaya. (Sixty distribution transformers shipped from the Samabotuna Cooperative have also been received in the Lampung service area).

VI. CONSTRUCTION-HEADQUARTERS COMPLEXES

A. GENERAL

Contracts for construction of the Headquarters Complexes in each of the Project service areas have been signed and progress is being made at each site.

Lampung Service Area.

Sinar Siwo Mego Cooperative.

Contractor - C.V. Perkasa.

Contract Signed - 30 June 1982.

Contract Price - Rp. 318.166.000,-

Construction Start - 11 July 1982.

Work Order Number 82-005.

Lombok Service Area.

Sinar Rinjani Cooperative.

Contractor - P.T. Pembangunan Perumahan.

Contract Signed - 16 September 1982.

Contract Price - Rp. 380.565.000,-

Construction Start - 18 August 1982.

Work Order Number 82-012.

Luwu Service Area.

Samabotuna Cooperative.

Contractor - C.V. Central.

Contract Signed - 27 July 1982.

Contract Price - Rp. 379.090.000,-

Construction Start - 16 July 1982.

Work Order Number 82-008.

B. CONSTRUCTION PROGRESS

Headquarters Construction Progress Charts are included in Appendix III of this report for each of the Project's service areas.

C. FIELD TRIPS.

During this report period MAIN's Project Material/ Construction Coordinator visited the Lombok Project site. Discussed here are only those portions of Mr. Wilson's trip report concerning construction coordination of the Headquarter Complex at this location. Mr. Wilson was accompanied by Mr. R. Bagjo of PDO/RE, this field trip was accomplished during the period 22-27 December 1982.

The field trip team inspected the HQ complex construction site along with Mr. Ridwan, Manager of the Sinar Rinjani Cooperative and Mr. Larry Katindoy, MAIN's Lombok service area Field Supervisor. They then met with supervisory personnel of the Construction Contractor to discuss and settle points concerning material to be or being used and the billing of the contractor.

The Cooperative Manager, Mr. Ridwan suggested that the name of the room being constructed in the office building and presently designated "Conference Room" should be designated as "Board Room" or "Board of Director's Room"

VII. CONSTRUCTION-ELECTRICAL SYSTEMS

Construction of the Project's main electrical distribution systems is scheduled to commence in April 1983. This section will be included in subsequent Monthly Project Reports to delineate the procedures and processes being implemented to get system construction underway.

A draft of the electrical system construction IFB was transmitted to PDO/RE and USAID on 8 October for approval by PDO/RE. It was subsequently noted that changes were required and those changes have been incorporated in a final draft that was submitted for approval in the first week of November.

MAIN's Material/Construction Coordinator is working with Cooperative's Managers in contacting PLN offices in the designated areas to compile lists of PLN pre-qualified electrical system construction companies. It is anticipated that these firms will be requested to Bid on system construction in the respective area where each is pre-qualified.

A schedule of events relevant to the above discussed IFB for System Construction was prepared by MAIN in October and appears on the following page. It now is evident that the schedule will not be met, therefore, construction start-up and job completion will subsequently be delayed. The length of time indicated on page 2, Appendix IV of this report for System Construction is Seventeen (17) Months with a start-up date of 1 April 1983. Each day of delay in Tendering and subsequent Contract finalization

for System Construction will extend Project completion an equal amount past the scheduled completion date of 30 September 1984.

<u>ACTIVITY</u>	<u>P E R I O D</u>	<u>NUMBER OF DAYS</u>
1. Notice to Qualified Bidders	Dec. 7 - Dec. 14, 1982	7
2. Obtain Bid Documents	Dec. 15 - Dec. 22, 1982	7
3. Explanation of Bids/ Prebid Conference	Dec. 23 - Jan. 4, 1983	14
	Lampung Jan. 4, 1983*	
	L u w u Jan. 5, 1983*	
	Lombok Jan. 6, 1983	
4. Preparation/Submission of Bids	Dec. 16 - Jan. 17, 1983	31
5. Bids Opening Period	Jan. 17 - Jan. 25, 1983	7
	Lampung Jan. 17, 1983**	
	L u w u Jan. 20, 1983**	
	Lombok Jan. 24, 1983	
6. Evaluation of Bids	Jan. 18 - Feb. 8, 1983	21
7. Announcement of Winning Bidders	Feb. 9, 1983	1
8. Receiving of Complaint/ Denial Period	Feb. 10 - Feb. 16, 1983	6
9. Formal Answer to Complaints Period	Feb. 17 - Feb. 23, 1983	6
10. Formal Notices to Winning Bidders	Feb. 24 - March 7, 1983	10

NOTES :

\*) To be held in Jakarta.

\*\*\*) To be held at each Provincial Capital.

The following list of company names for each Project service area indicates those firms pre-qualified by PLN in the respective cooperative service area to perform system construction. An asterisk<sup>(\*)</sup> preceding a name indicates companies that PLN officials, contacted personally by MAIN's Project Staff, felt were more competent to perform system construction and sincere in carrying out projects in accordance with specifications and schedule.

<u>Luwu Service Area</u>	<u>Address</u>
*1. P.T. Karya Teknik Utama	- Jl. Sumba No. 82 Ujung Pandang
2. Gaya Teknik	- Jl. G. Latimojong Lr 61 No.12 Ujung Pandang
3. C.V. Bina Jaya	- Jl. Titan No. 12 Ujung Pandang
4. C.V. Karya Subur	- Jl. G. Latimojong No. 97 Ujung Pandang
*5. C.V. Dipa Jaya	- Jl. Gajah No. 19 Ujung Pandang
*6. P.T. Panca Teknik	- Jl. H.O.S. Cokroaminoto Ujung Pandang
*7. Biro Teknik Sulawesi	- Jl. G. Latimojong Ujung Pandang
8. U.D. Anda	- Jl. Kaswari No. 28 Ujung Pandang
*9. C.V. Prima Jaya	- Jl. Bacan No. 32 Ujung Pandang
*10. P.T. Purwa Cipta	- Jl. G. Lokon No. 20 Ujung Pandang



<u>Lombok Service Area</u>	<u>Address</u>
* 1. P.T. Biro Teknik "Sembilan"	- Jl. R.A. Kartini Monjok Geria Mataram. Telp 23043
* 2. P.T. Teknik Utama	- Jl. Melati No. 3 Mataram. Telp. 23995
* 3. P.T. Sigma Tirta Engineering	- Jl. Cendana/Monjok No. 2 Mataram. Telp. 23196
* 4. P.T. Budaya Sri Utama	- Jl. Karang Kubu Panaraga Cakranegara. Telp. 21690
* 5. C.V. Tumapel Jaya	- Jl. Selaparang Gg. Indrakila No. 5 Mataram.
* 6. C.V. L i m a	- Jl. Karang Baru Mataram.
* 7. P.T. Darma Diagung Utama	- Jl. Airlangga No. 6 Mataram. Telp. 22255

<u>Lampung Service Area</u>	<u>Address</u>
*1. P.T. Omega	Jl. Merauke No. 54, Kali Pucung Tanjung Karang
2. C.V. Candra Kirana	- Jl. Diponegoro No. 107A Tanjung Karang
3. P.T. Tenaga Teknik Mahkota Tenaga	- Jl. Pelita No. 23, Labuan Ratu Tanjung Karang
4. P.T. Bumi Restu	- Jl. Pakiskawat Tanjung Karang
*5. C.V. Ramdav	- Jl. Kesatuan No. 384F Palembang

The IFB's for System Construction will indicate construction periods not to exceed the following for the noted Project service area.

Lampung - Sinar Siwo Mego Cooperative - 425 days.  
 Lombok - Sinar Rinjani Cooperative - 150 days.  
 Luwu - Samabotuna Cooperative - 230 days.

VIII. PROJECT PROBLEM AREAS.

A. TREATED WOOD POLES FOR THE SINAR SIWO MEGO  
ELECTRICAL DISTRIBUTION SYSTEM.

Treated Wood Poles for the Lombok and Luwu service areas are being purchased on Tender. A decision previously was made that the Treated Wood Poles required to construct the Lampung service area distribution system would be produced by the Sinar Siwo Mego Cooperative's treatment plant. Installation of the plant was started on private property but subsequently it was decided that the Cooperative's Pole Treatment Plant should be constructed on property owned by them. Therefore, installation of the treatment plant stopped at the first site and commenced at the Cooperative's Headquarters site. A poorly designed foundation was built for the vacuum pressure vessel and early in September the tank was set on it's foundation. Work on the plant ceased four months ago, when the tank was set.

In order that the Project may continue in the Lampung service area either the treatment plant must be completed and made operational or other methods must immediately be pursued for the supply of Treated Wood Poles for this Project service area. It must now be assumed that Treated Wood Poles will not be available for system construction to begin on schedule in the Lampung service area. In order to maintain the indicated monthly construction schedule a quantity of 1500 poles will be required each month .

APPENDIX I  
(PROJECT PERSONNEL)

Personnel Assigned To The Project as of 31 December 1982.

D.A. Dowling	-	Projects Director.
E.S. Leffler	-	Project Lead Engineer.
R.N. Key	-	Business Manager.
P.V. Wilson	-	Material/Construction Coordinator.
C.J. Whitby	-	Administrative Manager.
F.P. Cachin	-	Field Supervisor.
R.M. Garcia	-	Field Supervisor.
C.R. Katindoy	-	Field Supervisor.

Personnel Travel Details (International).

Mr. E.S. Leffler - MAIN's Project Lead Engineer departed Indonesia on December 16, 1982 on Earned Project Vacation and returned to the Project office on 20 December 1982.

Mr. C.J. Whitby - MAIN's Project Administrative Manager departed Indonesia 18 December 1982 on R and R vacation and is expected to return on January 6, 1983.

JOB CLASSIFICATION & MANMONTHS

Through : 2 Dec. 1982

JOB CLASSIFICATION	LOCATION	AGENCY		PRESENT PERSONNEL ASSIGNED	MANMONTHS		% CONS.	% REMAINING
		PLN	DGC		ALLOCATED	CONSUMED		
Projects Director	Jakarta	x	x	D.A. Dowling	64	47.2	73.8	26.2
Business Manager	Semarang	x	x	R.N. Key	63	45.5	72.2	27.8
Admin. Manager	Jakarta	x	x	C.J. Whitby	24	13.6	56.7	43.3
Administrative Asst.	Jakarta	x	x	-	11	10.6	96.4	3.6
Area Manager	Semarang	x		-	21	20.5	97.6	2.4
Lead Elect. Engineer	Semarang	x		-	28	27.7	98.9	1.1
Civil Engineer	Semarang	x		-	31	30.7	99.0	1.0
Const. Manager	Semarang	x		-	38	37.9	99.7	0.3
Field Supervisor	Semarang	x		-	34	33.2	97.7	2.3
Field Supervisor	Semarang	x		-	35	34.4	98.3	1.7
Project Lead Engineer	Jakarta		x	E.S. Leffler	66	45.8	69.4	30.6
Electrical Engineer	Jakarta		x	-	35	35.8	102.3	(2.3)
Distribution Eng.	Jakarta		x	E.V. Borja	25	25.4	101.6	(1.6)
Distribution Eng.	Jakarta		x	-	20	20.6	103.0	(3.3)
Distribution Eng.	Jakarta		x	-	15	15.5	103.3	(3.3)
Civil Engineer	Jakarta		x	-	20	20.4	102.0	(2.0)
Drafting Supervisor	Jakarta		x	-	27	26.2	97.0	3.0
Field Supervisor	Lampung		x	F.P. Cachin	64	45.2	70.6	29.4
Field Supervisor	Lombok		x	C.R. Katindoy	57	37.5	65.8	34.2
Field Supervisor	Luwu		x	R.M. Garcia	64	45.9	71.7	28.3
Material/Construction Coordinator	Jakarta		x	P.V. Wilson	21	19.7	93.8	6.2
Home Office	Boston	x	x	Various	82	74.1	90.4	9.6
TOTALS					845	713.4	84.4	15.6
					=====	=====		

APPENDIX II  
PROCUREMENT STATUS

DISTRIBUTION AND STATUS OF PROJECT FUNDS FOR PROCUREMENT OF  
MATERIAL, EQUIPMENT AND CONSTRUCTION OF HEADQUARTERS COMPLEXES

MATERIAL GROUPS UNDER CONTRACT	U.S. DOLLARS FOR PROJECT CONTRACTS :				LINE
	LAMPUNG	LOMBOK	LUWU	TOTAL	
LINE MATERIAL AND EQUIPMENT	2,229,619.50	860,110.00	1,512,314.54	4,602,044.04	1
HOUSEWIRING AND METERING EQUIPMENT	767,824.54	545,547.61	558,062.99	1,871,435.14	2
TOOLS, EQUIPMENT AND VEHICLES	58,866.12	45,644.20	45,644.20	150,154.52	3
CONSTRUCTION OF HEADQUARTERS + C.O.*	482,069.70	576,613.64	50,000.00* 574,378.79	1,683,062.13	4
REIL PROJECT	267,425.00	0	36,354.75	303,779.75	5
MATERIAL GROUPS NOT UNDER CONTRACT	ESTIMATE OF ADDITIONAL FUNDS REQUIRED FOR :				
	LAMPUNG	LOMBOK	LUWU	TOTAL	
LINE MATERIAL AND EQUIPMENT	823,000.00	118,000.00	190,000.00	1,131,000.00	6
HOUSEWIRING AND METERING EQUIPMENT	249,000.00	110,000.00	179,000.00	538,000.00	7
TOOLS, EQUIPMENT AND VEHICLES	70,000.00	67,000.00	68,000.00	205,000.00	8
CONSTRUCTION OF HEADQUARTERS	0	0	0	0	9
REIL PROJECT	0	0	0	0	10
	RECAPITULATION OF U.S. DOLLARS FOR :				
	LAMPUNG	LOMBOK	LUWU	TOTAL	
FUNDS UNDER CONTRACT (LINES 1 THRU 5)	3,805,804.86	2,027,915.45	2,776,755.27	8,610,475.58	11
ADDITIONAL FUNDS (LINES 6 THRU 10)	1,142,000.00	295,000.00	437,000.00	1,874,000.00	12
REQUIRED FUNDS (LINE 11 PLUS 12)	4,947,804.86	2,322,915.45	3,213,755.27	10,484,475.58	13
	U.S. DOLLAR FUNDS COMMITTED BY USAID				
	LAMPUNG	LOMBOK	LUWU	TOTAL	
	4,000,000.00	3,400,000.00	2,600,000.00	10,000,000.00	14
FUNDS COMMITTED BY GOI FOR HEADQUARTERS COMPLEX CONSTRUCTION AND FURNISHINGS	FUNDS COMMITTED BY GOI (U.S. DOLLAR EQUIVALENT)				
	LAMPUNG	LOMBOK	LUWU	TOTAL	
	377,174.48	439,379.03	487,908.62	1,304,462.13	15
(LINE 14 PLUS 15)	U.S. DOLLAR COMMITMENT				
	LAMPUNG	LOMBOK	LUWU	TOTAL	
	4,377,174.48	3,839,379.03	3,087,908.62	11,304,462.13	16
(LINE 16 MINUS 13)	PROJECT FUND BALANCE				
	LAMPUNG	LOMBOK	LUWU	TOTAL	
	-570,630.38	+ 1,516,463.58	- 125,846.65	+ 819,986.55	17

\*C.O. IS A CHANGE ORDER

EXPLANATION OF FORM ON PAGE AII - 2

The following analysis of information shown on Page AII-2, "Distribution and Status of Project Funds for Procurement of Material, Equipment and Construction of Headquarters Complexes" is provided to enhance and explain the data shown thereon.

Lines 1 through 5 indicate the Dollar amounts of consummated contracts which will be totally financed by AID loan funds or by a combination of GOI and AID funds. The amount of AID loan funds which has been sub-obligated to date for the material groups by cooperative is shown on Page AII-3 of this report. Funding for line 4 is divided between GOI and USAID as follows :

	<u>Lampung</u>	<u>Lombok</u>	<u>L u w u</u>	<u>T o t a l</u>
GOI	\$317,174.48	\$379,379.03	\$427,908.62	\$1,124,462.13
USAID	\$164,895.22	\$197,234.61	\$196,470.17	\$ 558,600.00
TOTAL	\$482,069.70	\$576,613.64	\$624,378.79	\$1,683,062.13

Lines 6 through 10 indicate anticipated Dollar amounts needed for purchase of material and equipment required for the Project and to be totally financed by AID loan funds or by a combination of GOI and AID funds. It is anticipated that line 8 will be financed jointly by GOI and AID funds as follows :

	<u>Lampung</u>	<u>Lombok</u>	<u>L u w u</u>	<u>T o t a l</u>
GOI	\$60,000.00	\$60,000.00	\$60,000.00	\$180,000.00
USAID	\$10,000.00	\$7,000.00	\$ 8,000.00	\$ 25,000.00
TOTAL	\$70,000.00	\$67,000.00	\$68,000.00	\$205,000.00



The designated GOI funds included in line 8 are intended to be used for the purchase of office equipment and furnishings for the Headquarters Complex at each of the three Project sites.

Lines 11 through 13 are self-explanatory and are recapitulations of lines 1 through 10.

Line 14 shows the distribution of AID funds committed for each of the three Project service areas and the total AID loan fund commitment.

Line 15 shows the distribution of GOI funds committed for each of the three Project service areas and a total GOI fund commitment. The values shown in Line 15 are totals of GOI funds indicated in Lines 4 and 8.

Line 16 indicates the total of line 14 plus line 15. Line 16 also indicates the total fund commitment for each Project service area and the total Project fund commitment with the exception of purchase of poles and system construction costs.

Line 17 indicates the unallocated Dollar total balance amount of project funds committed by GOI and AID for purchase of electrical system material and equipment plus Headquarters Complex construction and equipage costs. It may be noted that the commitment of AID Dollar loan funds shown in line 14 for each Project service area are no longer valid. System design changes necessitated by local field conditions caused this radical deviation between service area fund requirements and the actual funds required for each service area.

THE PROJECT CONSULTANT'S OFFICE RECORDS INDICATE SUB-OBLIGATED AID  
DOLLAR FUNDS BY MAJOR LINE ITEM CATEGORY AND COOPERATIVE  
SERVICE AREA ARE AS FOLLOWS :

	<u>LAMPUNG</u>	<u>LOMBOK</u>	<u>L U W U</u>	<u>T O T A L</u>
LINE MATERIAL AND EQUIPMENT	\$1,450,948.71	\$ 554,135.36	\$1,014,942.03	\$3,020,026.10
HOUSEWIRING AND METERING	753,560.84	531,283.91	543,799.29	1,828,644.04
TOOLS, EQUIPMENT AND VEHICLES	58,866.12	45,644.20	45,644.20	150,154.52
HQ CONSTRUCTION	164,895.22	197,234.61	196,470.17	558,600.00
REIL PROJECT	267,425.00	0	36,354.75	303,779.75
SUB-TOTAL	<u>\$2,695,695.89</u>	<u>\$1,328,298.08</u>	<u>\$1,837,210.44</u>	<u>\$5,861,204.41</u>
			CONTINGENCY	\$ 15,470.00
			TOTAL BANK CHARGES	\$ 26,097.48
			EXCESS SUB-OBLIGATED FUNDS	\$ 15,645.88
			TOTAL OF SUB-OBLIGATED FUNDS	<u><u>\$5,918,417.77</u></u>

PROCUREMENT STATUS REPORT  
FOR LAMPUNG

LINE MATERIAL AND EQUIPMENT PROCUREMENT INFORMATION

CONTRACT NUMBER IN FORCE	CATEGORY NUMBER	DESCRIPTION OF MATERIAL/EQUIPMENT IN THE CATEGORY	NAME OF CONTRACTOR	L/COMM. OR DRA NO. 497-T-052XX	U.S. DOLLAR AMOUNT PER CONTRACT CATEGORY
10/KLP/LA/81	1	LINE HARDWARE	HAYDEN INT'L. CO.	37	492,152.00
16/KLP/LA/82	1	" "	ALLIS ELECTRIC		75,346.50
	1	" "			E 175,000.00
02/KLP/LA/81	2	STEEL STRAND	NEW WORLD RESEARCH	12	93,287.50
15/KLP/LA/82	3	CONDUCTOR, BARE	MIDLAND METALS LTD.		630,855.60
	3	" "			E 270,000.00
02/KLP/LA/81	4	CONDUCTOR, INSULATED	NEW WORLD RESEARCH	12	321,049.25
04/KLP/LA/81	5	CONDUCTOR, BARE (S)	GRAYBAR ELECTRIC CO.	16	12,874.60
11/KLP/LA/82	5	" " "	AVCO CORPORATION		32,460.00
07/KLP/LA/81	6	CONDUCTOR, INSUL. (S)	KABELINDO MURNI CO.	11	2,159.60
06/KLP/LW/81(A)	7	CONDUCTOR ACCESSORIES	P.L.P. CO. BRAZIL	16	37,825.25
	7	" "			E 23,000.00
09/KLP/LA/81	8	CONNECTORS	IRBY CONSTRUCTION CO.	47	56,850.45
11/KLP/LA/82	8	"	AVCO CORPORATION		15,381.05
	8	"			E 17,000.00
03/KLP/LA/81	9	INSULATORS	FUTURA TRADING CO.	12	145,320.86
02/KLP/LA/81	10	PROTECTIVE DEVICES	NEW WORLD RESEARCH	12	111,792.00
	10	" "			E 13,000.00
06/KLP/LA/81	11	TRANSFORMERS	META EPSI ENGG. CO.	CONTRACT	CANCELLED
	11	"			E 325,000.00
03/KLP/LO/81(A)	12	RECLOSERS	MCGRAW-EDISON CO	24	45,311.10
09/KLP/LA/81	13	STREET LIGHT. EQUIP.	IRBY CONSTR. CO.	47	21,012.95
02/KLP/LA/81	14	WOOD PRODUCTS	NEW WORLD RESEARCH	12	89,025.00
12/KLP/LA/82	14	" "	SIDOHITA		807.64
09/KLP/LA/81	15	T. & M. EQUIPMENT	IRBY CONSTRUCTION CO.	47	22,288.15
	11	TRANSFORMERS	SAMABOTUNA COOP.		23,820.00
TOTAL DOLLARS CONTRACTED FOR LINE M AND E IN THIS SERVICE AREA					2,229,619.50
ADDITIONAL DOLLARS NEEDED FOR LINE M AND E IN THIS SERVICE AREA					E 823,000.00
TOTAL DOLLARS ESTIMATED FOR LINE M AND E IN THIS SERVICE AREA					E 3,052,619.50

ATI - 5

LAMPUNG





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DISTRIBUTION LINE MATERIAL AND EQUIPMENT

CATEGORY	CATEGORY DESCRIPTION	AWARDED TO CONTRACT OR AMENDMENT NO. CONTRACT PRICE	NOTICE OF AWARD	STAMP TAX PAID	PERFORMANCE BOND DELIVERED	CONTRACT SIGNED BY CONTRACTOR AND PDO	SUBMITTED TO BAPPENAS	BAPPENAS APPROVAL	TO BANK INDO. TO NAME BANK	BANK NAMED	L/COMM REQUESTED	L/C REQUESTED	L/COMM ISSUED	L/C OPENED	DELIVERY PERIOD FINALIZED	MAIN TELLS CONTRACTOR QUANTITIES TO BE SHIPPED	DELIVERY COMMENCES	REPLACEMENT MATERIAL REQUESTED	REPLACEMENTS RECEIVED	DELIVERY COMPLETED	CONTRACT CLOSED	
1	LINE HARDWARE	HAYDEN 10 / KLP / LA / 81 \$ 492,152.00	19/11/81	25/11/81	29/12/81	28/12/81	18/1/82	6/2/82	15/2/82	11/3/82	12/3/82	2/4/82	22/4/82	22/4/82	22/4/82	22/10/81	20/8/82					
2	STEEL STRAND	NEW WORLD 02 / KLP / LA / 81 \$ 93,287.50	24/10/80	16/2/81	24/11/80	11/3/81	19/3/81	28/3/81	2/4/81	16/4/81	24/4/81	25/5/81	10/7/81	10/7/81	10/7/81	13/10/81	7/12/81	N/A	N/A	31/3/82	31/3/82	
3	BARE CONDUCTORS	MIDLAND 15 / KLP / LA / 82 \$ 630,855.60	21/8/82	27/8/82	2/9/82	20/9/82	24/9/82	8/10/82	14/10/82	8/11/82	9/11/82	20/11/82	13/12/82	7/12/82	13/12/82	13/12/82						
4	INSULATED CONDUCTORS	NEW WORLD 02 / KLP / LA / 81 \$ 321,049.25	24/10/80	17/2/81	24/11/80	11/3/81	19/3/81	28/3/81	2/4/81	16/4/81	24/4/81	25/5/81	10/7/81	10/7/81	10/7/81	13/10/81	23/10/81	5/2/82				
5	SPECIAL BARE CONDUCTORS	GRAYBAR 04 / KLP / LA / 81 \$ 12,874.60	24/10/80	11/3/81	9/5/81	2/4/81	14/4/81	24/4/81	27/4/81	8/5/81	12/5/81	25/5/81	14/7/81	14/7/81	14/7/81	N/A						
6	SPECIAL INSULATED CONDUCTORS	KABELINDO 07 / KLP / LA / 81 \$ 2,222.00	24/10/80	11/3/81	7/1/81	11/3/81	19/3/81	28/3/81	N/A	N/A	24/4/81	N/A	6/5/81	N/A	6/5/81	N/A	14/8/81	N/A	N/A	14/9/81	3/2/82	
7	CONDUCTOR ACCESSORIES	AMEND #2 PLP 06 / KLP / LW / 81 \$ 37,825.25	4/11/81	17/11/81	17/11/81	31/12/81	13/1/82	27/1/82	N/A	N/A	24/2/82	20/4/82	2/4/82	17/5/82	17/5/82	N/A	6/8/82					
8	CONNECTORS	IRBY 09 / KLP / LA / 81 \$ 56,850.45	31/10/81	10/12/81	10/12/81	23/12/81	22/3/82	17/4/82	28/4/82	17/5/82	18/5/82	2/6/82	23/6/82	29/6/82	29/6/82	22/10/81	13/10/82					

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NOTES :

DISTRIBUTION LINE MATERIAL AND EQUIPMENT

CATEGORY	CATEGORY DESCRIPTION	AWARDED TO CONTRACT OR AMENDMENT NO. CONTRACT PRICE	NOTICE OF AWARD	STAMP TAX PAID	PERFORMANCE BOND DELIVERED	CONTRACT SIGNED BY CONTRACTOR AND PDO	SUBMITTED TO BAPPENAS	BAPPENAS APPROVAL	TO BANK INDO. TO NAME BANK	BANK NAMED	L/COMM REQUESTED	L/C REQUESTED	L/COMM ISSUED	L/C OPENED	DELIVERY PERIOD FINALIZED	MAIN TELLS CONTRACTOR QUANTITIES TO BE SHIPPED	DELIVERY COMMENCES	REPLACEMENT MATERIAL REQUESTED	REPLACEMENTS RECEIVED	DELIVERY COMPLETED	CONTRACT CLOSED	
9	INSULATORS	FUTURA 03/KLP/LA/81 \$ 156,257.19	18/10 80	11/12 80	25/1 81	11/3 81	19/3 81	28/3 81	2/4 81	16/4 81	24/4 81	25/5 81	10/7 81	10/7 81	10/7 81	7/11 81	21/12 81	30/3 82	6/10 82	6/10 82	20/10 82	
	INSULATORS	FUTURA AMENDMENT I -\$ 12,698.29	7/11 81	N/A	N/A	15/2 82	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	15/2 82	7/11 81	21/12 81	30/3 82	6/10 82	6/10 82	20/10 82	
10	PROTECTIVE DEVICES	NEW WORLD 02/KLP/LA/81 \$ 111,792.00	24/10 80	16/2 81	24/11 81	11/3 81	19/3 81	28/3 81	2/4 81	16/4 81	24/4 81	25/5 81	10/7 81	10/7 81	10/7 81	13/10 81	23/10 81	5/2 82				
11	TRANSFORMERS	NO CONTRACT																				
12	RECLOSERS	MC GRAW AMEND.1 03/KLP/LO/81 \$ 45,311.10	24/11 81	7/12 81	29/12 81	31/12 81	13/1 82	27/1 82	N/A	N/A	24/2 82	20/4 82	12/4 82	7/5 82	7/5 82	2/12 81	12/5 82					
13	STREET LIGHTING	IRBY 09/KLP/LA/81 \$ 21,012.85	31/10 81	10/12 81	10/12 81	23/12 81	22/3 82	17/4 82	28/4 82	17/5 82	18/5 82	2/6 82	23/6 82	29/6 82	29/6 82	22/10 81	13/10 82					
14	WOOD PRODUCTS	NEW WORLD 02/KLP/LA/81 \$ 89,025.00	24/10 80	16/2 81	24/11 80	11/3 81	19/3 82	28/3 81	2/4 81	16/4 81	24/4 81	25/5 81	10/7 81	10/7 81	10/7 81	13/10 81	14/2 82	3/5 82	10/5 82	10/5 82	10/5 82	
	ADDITIONAL WOOD PRODUCTS	ELEKTRIKA 12/KLP/LA/82 \$ 844.85	21/8 82	2/11 82	29/10 82	10/11 82	16/11 82	11/12 82	N/A	N/A	12/11 82	N/A		N/A								

NOTES: ONLY AMENDMENTS WITH PRICE CHANGES ARE RECORDED.



LAMPUNG

DISTRIBUTION LINE MATERIAL AND EQUIPMENT

CATEGORY	CATEGORY DESCRIPTION	AWARDED TO CONTRACT OR AMENDMENT NO. CONTRACT PRICE	NOTICE OF AWARD	STAMP TAX PAID	PERFORMANCE BOND DELIVERED	CONTRACT SIGNED BY CONTRACTOR AND PDO	SUBMITTED TO BAPPENAS	BAPPENAS APPROVAL	TO BANK INDO. TO NAME BANK	BANK NAMED	L/COMM REQUESTED	L/C REQUESTED	L/COMM ISSUED	L/C OPENED	DELIVERY PERIOD FINALIZED	MAIN TELLS CONTRACTOR QUANTITIES TO BE SHIPPED	DELIVERY COMMENCES	REPLACEMENT MATERIAL REQUESTED	REPLACEMENTS RECEIVED	DELIVERY COMPLETED	CONTRACT CLOSED	
15	TEST AND MAINTENANCE EQUIPMENT	IRBY 09/KLP/LA/81 \$ 22,288.15	31/10/81	9/11/81	10/12/81	23/12/81	22/3/82	17/4/82	28/4/82	17/5/82	18/5/82	2/6/82	23/6/82	29/6/82	29/6/82	22/10/81	13/10/82					
1	ADDITIONAL LINE HARDWARE	ALL IS 16/KLP/LA/82 \$ 75,346.50	21/8/82	27/8/82	6/9/82	20/9/82	24/9/82	8/10/82	14/10/82	8/11/82	9/11/82	20/11/82	13/12/82	7/12/82	13/12/82	13/12/82						
5	ADDITIONAL SPEC. BARE CONDUCTORS	AVCO 11/KLP/LA/82 \$ 32,460.00	21/8/82	31/8/82	7/10/82	10/11/82	16/11/82	11/12/82	14/12/82													
8	ADDITIONAL CONNECTORS	AVCO 11/KLP/LA/82 \$ 15,381.05	21/8/82	31/8/82	7/10/82	10/11/82	16/11/82	11/12/82	14/12/82													

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NOTES :

LAMPUNG

HOUSEWIRING MATERIAL AND METERING EQUIPMENT

CATEGORY	CATEGORY DESCRIPTION	AWARDED TO CONTRACT OR AMENDMENT NO. CONTRACT PRICE	NOTICE OF AWARD	STAMP TAX PAID	PERFORMANCE BOND DELIVERED	CONTRACT SIGNED BY CONTRACTOR AND PDO	SUBMITTED TO BAPPENAS	BAPPENAS APPROVAL	TO BANK INDO. TO NAME BANK	BANK NAMED	L/COMM REQUESTED	L/C REQUESTED	L/COMM ISSUED	L/C OPENED	DELIVERY PERIOD FINALIZED	MAIN TELLS CONTRACTOR QUANTITIES TO BE SHIPPED	DELIVERY COMMENCES	REPLACEMENT MATERIAL REQUESTED	REPLACEMENTS RECEIVED	DELIVERY COMPLETED	CONTRACT CLOSED
1	R & C METERS	G.E. 01H / KLP / LA / 81 \$ 590,440.10	6/11 81	19/11 81	31/11 81	11/12 81	14/1 82	27/1 82	30/1 82	13/2 82	12/3 82	22/4 82	22/4 82	5/5 82	5/5 82	N/A	20/7 82				
2	CABLES	LEADER CABLE 13/KLP/LA/82 \$ 14,263.70	21/8 82	20/10 82	9/11 82	10/11 82	16/11 82	11/12 82	14/12 82												
3	WIRING DEVICES-1	PRIMA USADA 14/KLP/LA/82 \$ 3,092.55	21/8 82	31/8 82	1/12 82	20/9 82	24/9 82	8/10 82	N/A	N/A	23/9 82	N/A	1/10 82	N/A	1/10 82	N/A	30/10 82				
4	WIRING DEVICES 2	PRIMA USADA 14/KLP/LA/82 \$ 1,453.15	21/8 82	31/8 82	1/12 82	20/9 82	24/9 82	8/10 82	N/A	N/A	23/9 82	N/A	1/10 82	N/A	1/10 82	N/A	30/10 82				
5	PROTECTIVE DEVICES	G.E. 01H / KLP / LA / 81 \$ 25,440.00	6/11 81	19/11 81	31/11 81	11/12 81	14/1 82	27/1 82	30/1 82	13/2 82	12/3 82	22/4 82	22/4 82	5/5 82	5/5 82	N/A	20/7 82				
6	LAMPS	WESTINGHOUSE 02H / KLP / LA / 81 \$ 15,750.00	6/11 81	25/11 81	31/1 82	31/1 82	11/3 82	29/3 82	7/4 82	27/4 82	27/4 82	10/5 82	23/6 82	19/5 82	23/6 82	N/A					
7	MISC MATERIAL-1	WESTINGHOUSE 02H / KLP / LA / 81 \$ 65,657.70	6/11 81	25/11 81	31/1 82	31/1 82	11/3 82	29/3 82	7/4 82	27/4 82	27/4 82	10/5 82	23/6 82	19/5 82	23/6 82	N/A					
8	MISC MATERIAL-2	PRIMA USADA 14 / KLP / LA / 82 \$ 4,543.78	21/8 82	31/8 82	1/12 82	20/9 82	24/9 82	8/10 82	N/A	N/A	23/9 82	N/A	1/10 82	N/A	1/10 82	N/A	30/10 82				

NOTES :

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HOUSEWIRING MATERIAL AND METERING EQUIPMENT

CATEGORY	CATEGORY DESCRIPTION	AWARDED TO CONTRACT OR AMENDMENT NO. CONTRACT PRICE	NOTICE OF AWARD	STAMP TAX PAID	PERFORMANCE BOND DELIVERED	CONTRACT SIGNED BY CONTRACTOR AND PDO	SUBMITTED TO BAPPENAS	BAPPENAS APPROVAL	TO BANK INDO. TO NAME BANK	BANK NAMED	L/COMM REQUESTED	L/C REQUESTED	L/COMM ISSUED	L/C OPENED	DELIVERY PERIOD FINALIZED	MAIN TELLS CONTRACTOR QUANTITIES TO BE SHIPPED	DELIVERY COMMENCES	REPLACEMENT MATERIAL REQUESTED	REPLACEMENTS RECEIVED	DELIVERY COMPLETED	CONTRACT CLOSED	
9	MISC MATERIAL-3	WESTINGHOUSE 02H / KLP / LA / 81 \$ 21,411.52	6/11/81	25/11/81	31/1/82	31/1/82	11/3/82	29/3/82	7/4/82	27/4/82	27/4/82	10/5/82	23/6/82	19/5/82	23/6/82	N/A						
10	GROUNDING EQUIPMENT	WESTINGHOUSE 02H / KLP / LA / 81 \$ 25,772.00	6/11/81	25/11/81	31/1/82	31/1/82	11/3/82	29/3/82	7/4/82	27/4/82	27/4/82	10/5/82	23/6/82	19/5/82	23/6/82	N/A						

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LAMPUNG

TOOLS, EQUIPMENT AND VEHICLES

CATEGORY	CATEGORY DESCRIPTION	AWARDED TO CONTRACT OR AMENDMENT NO. CONTRACT PRICE	NOTICE OF AWARD	STAMP TAX PAID	PERFORMANCE BOND DELIVERED	CONTRACT SIGNED BY CONTRACTOR AND PDO	SUBMITTED TO BAPPENAS	BAPPENAS APPROVAL	TO BANK INDO. TO NAME BANK	BANK NAMED	L/COMM REQUESTED	L/C REQUESTED	L/COMM ISSUED	L/C OPENED	DELIVERY PERIOD FINALIZED	MAIN TELLS CONTRACTOR QUANTITIES TO BE SHIPPED	DELIVERY COMMENCES	REPLACEMENT MATERIAL REQUESTED	REPLACEMENTS RECEIVED	DELIVERY COMPLETED	CONTRACT CLOSED	
1	PERSONNEL EQUIPMENT	WESTINGHOUSE 02T/KLP/LA/81 \$ 5,479.76	6/11/81	25/11/81	31/1/82	31/1/82	11/3/82	29/3/82	7/4/82	27/4/82	27/4/82	10/5/82	23/6/82	19/5/82	23/6/82	N/A						
2	HAND TOOLS	WESTINGHOUSE 02T/KLP/LA/81 \$ 3,654.56	6/11/81	25/11/81	31/1/82	31/1/82	11/3/82	29/3/82	7/4/82	27/4/82	27/4/82	10/5/82	23/6/82	19/5/82	23/6/82	N/A						
3	CONSTRUCTION TOOLS & EQUIPMENT	GLORIA 01T/KLP/LA/81 \$ 16,822.54	6/11/81	7/11/81	12/4/82	31/12/81	3/2/82	25/2/82	N/A	N/A	18/1/82	N/A	12/5/82	N/A	25/5/82	N/A	28/10/82					
4	COMPRESSION TOOLS	GLORIA 01T/KLP/LA/81 \$ 8,622.38	6/11/81	7/11/81	12/4/82	31/12/81	3/2/82	25/2/82	N/A	N/A	18/1/82	N/A	12/5/82	N/A	25/5/82	N/A	28/10/82					
5	SHOP TOOLS	GLORIA 01T/KLP/LA/81 \$ 12,660.50	6/11/81	7/11/81	12/4/82	31/12/81	3/2/82	25/2/82	N/A	N/A	18/1/82	N/A	12/5/82	N/A	25/5/82	N/A	23/9/82					
6	TEST EQUIPMENT	GLORIA 01T/KLP/LA/81 \$ 9,045.73	6/11/81	7/11/81	12/4/82	31/12/81	3/2/82	25/2/82	N/A	N/A	18/1/82	N/A	12/5/82	N/A	25/5/82	N/A	28/10/82					
7	SAFETY GROUNDING EQUIPMENT	GLORIA 01T/KLP/LA/81 \$ 2,580.75	6/11/81	7/11/81	12/4/82	31/12/81	3/2/82	25/2/82	N/A	N/A	18/1/82	N/A	12/5/82	N/A	25/5/82	N/A	23/9/82					
8	VEHICLES	NO CONTRACT																				

NOTES: N/A = NOT APPLICABLE AS DRA NOT L/COMM

CATEGORIES 3 THRU 7 L/COMM DELAY DUE TO UNACCEPTABLE PERFORMANCE BOND

AIT - 13

PROCUREMENT STATUS REPORT

FOR LOMBOK

LINE MATERIAL AND EQUIPMENT PROCUREMENT INFORMATION

CONTRACT NUMBER IN FORCE	CATEGORY NUMBER	DESCRIPTION OF MATERIAL/EQUIPMENT IN THE CATEGORY	NAME OF CONTRACTOR	L/COMM. OR DRA NO. 497-T-052XX	U.S. DOLLAR AMOUNT PER CONTRACT CATEGORY
10/KLP/LO/81	1	LINE HARDWARE	JOSLYN CO.	37	140,618.20
15/KLB/LO/82	1	" "	ALLIS ELECTRIC CO.		24,804.00
12/KLP/LO/82	2	STEEL STRAND	AVCO CORPORATION		11,878.69
13/KLP/LO/82	3	CONDUCTOR, BARE	LEADER CABLE CO.		171,716.47
05/KLP/LO/81	4	CONDUCTOR INSULATED	NEW WORLD RESEARCH	24	194,800.00
12/KLP/LO/82	5	CONDUCTOR BARE (S)	AVCO CORPORATION		11,349.58
08/KLP/LO/81	7	CONDUCTOR ACCESSORIES	IRBY CONSTRUCTION CO.	47	41,350.50
09/KLP/LO/81	8	CONNECTORS	IRBY CONSTRUCTION CO.	47	44,659.29
12/KLP/LO/82	8	" "	AVCO CORPORATION		7,873.25
11/KLP/LO/82	9	INSULATORS	DAEWOO CORPORATION		37,717.56
07/KLP/LO/81	10	PROTECTIVE DEVICES	M <sup>C</sup> GRAW-EDISON CORP.	45	55,420.90
	10	" "			E 6,000.00
	11	TRANSFORMERS			E 82,000.00
03/KLP/LO/81	12	RECLOSERS	M <sup>C</sup> GRAW-EDISON CORP.	24	44,911.06
09/KLP/LO/81	13	STREET LIGHT. EQUIP.	IRBY CONSTRUCTION CO.	47	11,185.35
14/KLP/LO/81	14	WOOD PRODUCTS	SIDOHITA		21,182.09
09/KLP/LO/81	15	T. AND M. EQUIPMENT	IRBY CONSTRUCTION CO.	47	21,190.06
	8	CONNECTORS			E 6,000.00
	11	TRANSFORMERS	SAMABOTUNA COOP.		19,453.00
	3	CONDUCTOR, BARE			E 24,000.00
TOTAL DOLLARS CONTRACTED FOR LINE M AND E IN THIS SERVICE AREA					860,110.00
ADDITIONAL DOLLARS NEEDED FOR LINE M AND E IN THIS SERVICE AREA					E 118,000.00
TOTAL DOLLARS ESTIMATED FOR LINE M AND E IN THIS SERVICE AREA					E 978,110.00

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LOMBOX







LOMBOK

DISTRIBUTION LINE MATERIAL AND EQUIPMENT

CATEGORY	CATEGORY DESCRIPTION	AWARDED TO CONTRACT OR AMENDMENT NO. CONTRACT PRICE	NOTICE OF AWARD	STAMP TAX PAID	PERFORMANCE BOND DELIVERED	CONTRACT SIGNED BY CONTRACTOR AND PDO	SUBMITTED TO BAPPENAS	BAPPENAS APPROVAL	TO BANK INDO. TO NAME BANK	BANK NAMED	L/COMM REQUESTED	L/C REQUESTED	L/COMM ISSUED	L/C OPENED	DELIVERY PERIOD FINALIZED	MAIN TELLS CONTRACTOR QUANTITIES TO BE SHIPPED	DELIVERY COMMENCES	REPLACEMENT MATERIAL REQUESTED	REPLACEMENTS RECEIVED	DELIVERY COMPLETED	CONTRACT CLOSED	
1	LINE HARDWARE	JOSLYN 10 / KLP / LO / 81 \$ 140,618.20	19/11/81	26/11/81	31/12/81	28/12/81	18/1/82	6/2/82	15/2/82	11/3/82	12/3/82	2/4/82	22/4/82	22/4/82	22/4/82	19/11/81	2/7/82	30/10/82				
2	STEEL STRAND	AVCO 12/ KLP / LO / 82 \$ 11,878.69	21/8/82	31/8/82	7/10/82	10/11/82	16/11/82	11/12/82	14/12/82													
3	BARE CONDUCTOR	LEADER CABLE 13/ KLP / LO / 82 \$ 170,809.57	21/8/82	20/10/82	9/11/82	10/11/82	16/11/82	11/12/82	14/12/82													
4	INSULATED CONDUCTOR	NEW WORLD 05 / KLP / LO / 81 \$ 194,800.00	27/2/81	1/7/81	24/4/81	30/7/81	31/7/81	15/8/81	24/8/81	8/9/81	10/9/81	2/10/81	17/11/81	17/11/81	17/11/81	N/A	10/3/82	N/A	N/A	30/6/82	4/11/82	
5	SPECIAL BARE CONDUCTOR	AVCO 12/ KLP / LO / 82 \$ 11,349.58	21/8/82	31/8/82	7/10/82	10/11/82	16/11/82	11/12/82	14/12/82													
6	SPECIAL INSULATED CONDUCTOR	LEADER CABLE 13/ KLP / LO / 82 \$ 906.90	21/8/82	20/10/82	9/11/82	10/11/82	16/11/82	11/12/82	14/12/82													
7	CONDUCTOR ACCESSORIES	IRBY 08 / KLP / LO / 81 \$ 41,350.50	10/11/81	16/11/81	11/1/82	31/12/81	18/3/82	17/4/82	28/4/82	17/5/82	18/5/82	2/6/82	23/6/82	29/6/82	29/6/82	10/11/81	13/10/82					
8	CONNECTORS	IRBY 09 / KLP / LO / 81 \$ 44,659.29	2/11/81	9/11/81	17/12/81	23/12/81	18/3/82	17/4/82	28/4/82	17/5/82	18/5/82	2/6/82	23/6/82	29/6/82	29/6/82	22/10/81	13/10/82					

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AII-18

DISTRIBUTION LINE MATERIAL AND EQUIPMENT

CATEGORY	CATEGORY DESCRIPTION	AWARDED TO CONTRACT OR AMENDMENT NO. CONTRACT PRICE	NOTICE OF AWARD	STAMP TAX PAID	PERFORMANCE BOND DELIVERED	CONTRACT SIGNED BY CONTRACTOR AND PDO	SUBMITTED TO BAPPENAS	BAPPENAS APPROVAL	TO BANK INDO. TO NAME BANK	BANK NAMED	L/COMM REQUESTED	L/C REQUESTED	L/COMM ISSUED	L/C OPENED	DELIVERY PERIOD FINALIZED	MAIN TELLS CONTRACTOR QUANTITIES TO BE SHIPPED	DELIVERY COMMENCES	REPLACEMENT MATERIAL REQUESTED	REPLACEMENTS RECEIVED	DELIVERY COMPLETED	CONTRACT CLOSED	
9	INSULATORS	DAEWOO 11 / KLP / LO / 82 \$ 37,717.56	21 / 8 82	27 / 8 82	10 / 9 82	20 / 9 82	24 / 9 82	8 / 10 82	14 / 10 82	8 / 11 82	9 / 11 82	20 / 11 82	13 / 12 82	7 / 12 82	13 / 12 82	13 / 12 82						
10	PROTECTIVE DEVICES	MC GRAW-EDISON 07 / KLP / LO / 81 \$ 55,420.90	2 / 11 81	12 / 11 81	31 / 11 81	11 / 12 81	12 / 3 82	24 / 3 82	7 / 4 82	27 / 4 82	27 / 4 82	10 / 5 82	22 / 6 82	19 / 5 82	22 / 6 82	22 / 10 81						
11	TRANSFORMERS	NO CONTRACT																				
12	RECLOSERS	MC GRAW-EDISON 03 / KLP / LO / 81 \$ 45,588.47	27 / 2 81	17 / 6 81	20 / 3 81	17 / 7 81	20 / 7 81	4 / 8 81	12 / 8 81	1 / 9 81	3 / 9 81	1 / 10 81	17 / 11 81	17 / 11 81	17 / 11 81	26 / 3 82	10 / 3 82					
	RECLOSERS	MC GRAW EDISON AMENDMENT 2 -\$ 677.41	26 / 3 82	N/A	N/A	20 / 4 82	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	17 / 11 81	26 / 3 82	10 / 3 82					
13	STREET LIGHTING	IRBY 09 / KLP / LO / 81 \$ 11,185.35	2 / 11 81	9 / 11 81	17 / 12 81	23 / 12 81	18 / 3 82	17 / 4 82	28 / 4 82	17 / 5 82	18 / 5 82	2 / 6 82	23 / 6 82	29 / 6 82	29 / 6 82	2 / 11 81	13 / 10 82					
14	WOOD PRODUCTS	ELEKTRIKA 14 / KLP / LO / 82 \$ 22,158.22	21 / 8 82	20 / 10 82	29 / 10 82	10 / 11 82	16 / 11 82	11 / 12 82	N/A	N/A	12 / 11 82	N/A	N/A	N/A								
15	TOOLS AND MAINTENANCE EQUIPMENT	IRBY 09 / KLP / LO / 81 \$ 21,190.06	2 / 11 81	9 / 11 81	17 / 12 81	23 / 12 81	18 / 3 82	17 / 4 82	28 / 4 82	17 / 5 82	18 / 5 82	2 / 6 82	23 / 6 82	29 / 6 82	29 / 6 82	22 / 10 81	13 / 10 82					

NOTES :

ATI-19

DISTRIBUTION LINE MATERIAL AND EQUIPMENT

CATEGORY	CATEGORY DESCRIPTION	AWARDED TO CONTRACT OR AMENDMENT NO. CONTRACT PRICE	NOTICE OF AWARD	STAMP TAX PAID	PERFORMANCE BOND DELIVERED	CONTRACT SIGNED BY CONTRACTOR AND PDO	SUBMITTED TO BAPPENAS	BAPPENAS APPROVAL	TO BANK INDO. TO NAME BANK	BANK NAMED	L/COMM REQUESTED	L/C REQUESTED	L/COMM ISSUED	L/C OPENED	DELIVERY PERIOD FINALIZED	MAIN TELLS CONTRACTOR QUANTITIES TO BE SHIPPED	DELIVERY COMMENCES	REPLACEMENT MATERIAL REQUESTED	REPLACEMENTS RECEIVED	DELIVERY COMPLETED	CONTRACT CLOSED	
1	ADDITIONAL LINE HARDWARE	ALLIS 15/KLP/LO/82 \$ 24,804.00	21/8 82	27/8 82	6/9 82	20/9 82	24/9 82	8/10 82	14/10 82	8/11 82	9/11 82	20/11 82	13/12 82	7/12 82	13/12 82	13/12 82						
8	ADDITIONAL CONNECTORS	AVCO 12/KLP/LO/82 \$ 7,873.25	21/8 82	31/8 82	7/10 82	10/11 82	16/11 82	11/12 82	14/12 82													
P	WOOD POLES	ISTANA GRIYA 17/KLP/LO/82 Rp. 196.817.000,-	29/10 82	2/11 82	11/11 82	13/11 82	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	13/11 82	13/11 82						

NOTES:

LOMBOK

HOUSEWIRING MATERIAL AND METERING EQUIPMENT

CATEGORY	CATEGORY DESCRIPTION	AWARDED TO CONTRACT OR AMENDMENT NO. CONTRACT PRICE	NOTICE OF AWARD	STAMP TAX PAID	PERFORMANCE BOND DELIVERED	CONTRACT SIGNED BY CONTRACTOR AND PDO	SUBMITTED TO BAPPENAS	BAPPENAS APPROVAL	TO BANK INDO. TO NAME BANK	BANK NAMED	L/COMM REQUESTED	L/C REQUESTED	L/COMM ISSUED	L/C OPENED	DELIVERY PERIOD FINALIZED	MAIN TELLS CONTRACTOR QUANTITIES TO BE SHIPPED	DELIVERY COMMENCES	REPLACEMENT MATERIAL REQUESTED	REPLACEMENTS RECEIVED	DELIVERY COMPLETED	CONTRACT CLOSED
1	R & C METERS	G.E. 01H/KLP/LO/81 \$ 358,342.25	6/11 19/11 31/11 81	19/11 11/81	31/11 11/81	11/12 11/81	14/1 1/82	27/1 1/82	30/1 1/82	13/2 2/82	12/3 3/82	22/4 4/82	22/4 4/82	5/5 5/82	N/A	27/10 10/82					
2	CABLES	LEADER CABLE 13/KLP/LO/81 \$ 14,263.70	21/8 8/82	20/10 10/82	9/11 11/82	10/11 11/82	16/11 11/82	11/12 12/82	14/12 12/82												
3	WIRING DEVICES - 1	EL PRIMA 16/KLP/LO/82 \$ 3,986.06	21/8 8/82	27/8 8/82	6/9 9/82	20/9 9/82	24/9 9/82	8/10 10/82	N/A	N/A	23/9 9/82	N/A	1/10 10/82	N/A	15/10 10/82	N/A					
4	WIRING DEVICES-2	ELPRIMA 16/KLP/LO/82 \$ 1,907.68	21/8 8/82	27/8 8/82	6/9 9/82	20/9 9/82	24/9 9/82	8/10 10/82	N/A	N/A	23/9 9/82	N/A	1/10 10/82	N/A	15/10 10/82	N/A					
5	PROTECTIVE DEVICES	G.E. 01H/KLP/LO/81 \$ 25,440.00	6/11 11/81	19/11 11/81	31/11 11/81	11/12 11/81	14/1 1/82	27/1 1/82	30/1 1/82	13/2 2/82	12/3 3/82	22/4 4/82	22/4 4/82	5/5 5/82	5/5 5/82	N/A	27/10 10/82				
6	LAMPS	FANATRI 03H/KLP/LO/81 \$ 12,198.77	6/11 11/81	11/12 12/81	23/2 2/82	23/12 12/81	N/A	N/A	N/A	N/A	18/1 1/82	N/A	10/5 5/82	N/A	26/5 5/82	N/A	20/2 2/82	3/5 5/82	7/5 5/82	7/5 5/82	27/5 5/82
7	MISC MATERIAL - 1	WESTINGHOUSE 02H/KLP/LO/81 \$ 67,483.20	6/11 11/81	25/11 11/82	31/1 1/82	31/1 1/82	11/3 3/82	29/3 3/82	7/4 4/82	27/4 4/82	27/4 4/82	10/5 5/82	23/6 6/82	19/5 5/82	23/6 6/82	N/A					
8	MISC MATERIAL - 2	EL PRIMA 16/KLP/LO/82 \$ 5,643.32	21/8 8/82	27/8 8/82	6/9 9/82	20/9 9/82	24/9 9/82	8/10 10/82	N/A	N/A	23/9 9/82	N/A	1/10 10/82	N/A	15/10 10/82	N/A					

NOTES :

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LOMBOK

HOUSEWIRING MATERIAL AND METERING EQUIPMENT

CATEGORY	CATEGORY DESCRIPTION	AWARDED TO CONTRACT OR AMENDMENT NO. CONTRACT PRICE	NOTICE OF AWARD	STAMP TAX PAID	PERFORMANCE BOND DELIVERED	CONTRACT SIGNED BY CONTRACTOR AND PDO	SUBMITTED TO BAPPENAS	BAPPENAS APPROVAL	TO BANK INDO. TO NAME BANK	BANK NAMED	L/COMM REQUESTED	L/C REQUESTED	L/COMM ISSUED	L/C OPENED	DELIVERY PERIOD FINALIZED	MAIN TELLS CONTRACTOR QUANTITIES TO BE SHIPPED	DELIVERY COMMENCES	REPLACEMENT MATERIAL REQUESTED	REPLACEMENTS RECEIVED	DELIVERY COMPLETED	CONTRACT CLOSED	
9	MISC MATERIAL - 3	WESTINGHOUSE 02H/KLP/LO/81 \$ 21,934.76	6/11/81	25/11/81	31/1/82	31/1/82	11/3/82	29/3/82	7/4/82	27/4/82	27/4/82	10/5/82	23/6/82	19/5/82	23/6/82	N/A						
10	GROUNDING EQUIPMENT	WESTINGHOUSE 02H/KLP/LO/81 \$ 26,435.00	6/11/81	25/11/81	31/1/82	31/1/82	11/3/82	29/3/82	7/4/82	27/4/82	27/4/82	10/5/82	23/6/82	19/5/82	23/6/82	N/A						

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NOTES :

LOMBOK

TOOLS, EQUIPMENT AND VEHICLES

CATEGORY	CATEGORY DESCRIPTION	AWARDED TO CONTRACT OR AMENDMENT NO. CONTRACT PRICE	NOTICE OF AWARD	STAMP TAX PAID	PERFORMANCE BOND DELIVERED	CONTRACT SIGNED BY CONTRACTOR AND PDO	SUBMITTED TO BAPPENAS	BAPPENAS APPROVAL	TO BANK INDO. TO NAME BANK	BANK NAMED	L/COMM REQUESTED	L/C REQUESTED	L/COMM ISSUED	L/C OPENED	DELIVERY PERIOD FINALIZED	MAIN TELLS CONTRACTOR QUANTITIES TO BE SHIPPED	DELIVERY COMMENCES	REPLACEMENT MATERIAL REQUESTED	REPLACEMENTS RECEIVED	DELIVERY COMPLETED	CONTRACT CLOSED	
1	PERSONNEL EQUIPMENT	GLORIA 01T/KLP/LO/81 \$ 3,473.38	6/11/81	7/12/81	14/12/81	12/4/82	3/2/82	13/2/82	N/A	N/A	18/1/82	N/A	12/5/82	N/A	25/5/82	N/A						
2	HAND TOOLS	WESTINGHOUSE 02T/KLP/LO/81 \$ 2,631.92	6/11/81	25/11/81	31/1/82	31/1/82	11/3/82	29/3/82	7/4/82	27/4/82	27/4/82	10/5/82	23/6/82	19/5/82	23/6/82	N/A						
3	CONSTRUCTION TOOLS & EQUIPMENT	GLORIA 01T/KLP/LO/81 \$ 10,299.16	6/11/81	7/12/81	14/12/81	12/4/82	3/2/82	13/2/82	N/A	N/A	18/1/82	N/A	12/5/82	N/A	25/5/82	N/A						
4	COMPRESSION TOOLS	GLORIA 01T/KLP/LO/81 \$ 6,219.38	6/11/81	7/12/81	14/12/81	12/4/82	3/2/82	13/2/82	N/A	N/A	18/1/82	N/A	12/5/82	N/A	25/5/82	N/A						
5	SHOP TOOLS	GLORIA 01T/KLP/LO/81 \$ 12,297.50	6/11/81	7/12/81	14/12/81	12/4/82	3/2/82	13/2/82	N/A	N/A	18/1/82	N/A	12/5/82	N/A	25/5/82	N/A						
6	TEST EQUIPMENT	GLORIA 01T/KLP/LO/81 \$ 9,031.61	6/11/81	7/12/81	14/12/81	12/4/82	3/2/82	13/2/82	N/A	N/A	18/1/82	N/A	12/5/82	N/A	25/5/82	N/A						
7	SAFETY GROUNDING EQUIPMENT	GLORIA 01T/KLP/LO/81 \$ 1,691.25	6/11/81	7/12/81	14/12/81	12/4/82	3/2/82	13/2/82	N/A	N/A	18/1/82	N/A	12/5/82	N/A	25/5/82	N/A						
8	VEHICLES	NO CONTRACT																				

NOTES: N/A = NOT APPLICABLE AS DRA NOT L COMM

CATEGORIES 1,3 THRU 7 L/COMM DELAY DUE TO UNACCEPTABLE PERFORMANCE BOND

A11-23

PROCUREMENT STATUS REPORT

FOR LUWU

LINE MATERIAL AND EQUIPMENT PROCUREMENT INFORMATION

CONTRACT NUMBER IN FORCE	CATEGORY NUMBER	DESCRIPTION OF MATERIAL/EQUIPMENT IN THE CATEGORY	NAME OF CONTRACTOR	L/COMM. OR DRA NO. 497-T-052XX	U.S. DOLLAR AMOUNT PER CONTRACT CATEGORY
01/KLP/LW/81	1	LINE HARDWARE	HIJASON IND. LTD.	31	324,659.45
16/KLP/LW/82	1	" "	ALLIS ELECTRIC CO.		37,989.00
	1	" "			E 21,000.00
02/KLP/LW/81	2	STEEL STRAND	COPPERWELD IND.	16	44,032.20
	2	" "			E 15,000.00
15/KLP/LW/82	3	CONDUCTOR, BARE	MIDLAND METALS		491,290.80
	3	" "			E 82,000.00
04/KLP/LW/81	4	CONDUCTOR INSULATED	WALSIN LIHWA	28	112,574.00
02/KLP/LW/81	5	CONDUCTOR BARE (S)	COPPERWELD IND.	16	18,298.00
05/KLP/LW/81	6	CONDUCTOR INSUL. (S)	KABELINDO MURNI	18	864.42
06/KLP/LW/81	7	CONDUCTOR ACCESSORIES	P.L.P. CO. (BRAZIL)	16	38,207.00
	7	" "			E 3,000.00
07/KLP/LW/81	8	CONNECTORS	IRBY CONSTRUCTION CO.	32	35,467.25
14/KLP/LW/82	8	" "	AVCO CORPORATION		8,942.80
	8	" "			E 11,000.00
13/KLP/LW/81	9	INSULATORS	NEW WORLD RESEARCH	37	88,988.40
	9	" "			E 18,000.00
09/KLP/LW/81	10	PROTECTIVE DEVICES	NEW WORLD RESEARCH	19	51,177.00
	10	" "			E 10,000.00
10/KLP/LW/81	11	TRANSFORMERS	DAEWOO IND. INT'L	20	203,504.00
11/KLP/LW/81	12	RECLOSERS	M <sup>C</sup> GRAW EDISON CO.	16	40,884.96
07/KLP/LW/81	13	STREET LIGHT. EQUIP.	IRBY CONSTRUCTION CO.	32	11,185.35
09/KLP/LW/81	14	WOOD PRODUCTS	NEW WORLD RESEARCH	19	31,040.00
18/KLP/LW/82	14	" "	SIDOHITA		2,422.91
13/KLP/LW/81	15	T. AND M. EQUIPMENT	NEW WORLD RESEARCH	37	14,060.00
	11	TRANSFORMERS			E 45,000.00
	11	" "	TO LOMBOK & LAMPUNG		- 43,273.00
TOTAL DOLLARS CONTRACTED FOR LINE M AND E IN THIS SERVICE AREA					1,512,314.54
ADDITIONAL DOLLARS NEEDED FOR LINE M AND E IN THIS SERVICE AREA					E 190,000.00
TOTAL DOLLARS ESTIMATED FOR LINE M AND E IN THIS SERVICE AREA					E 1,702,314.54

ATI - 25

LWU



HOUSEWIRING MATERIAL AND METERING EQUIPMENT PROCUREMENT INFORMATION

CONTRACT NUMBER IN FORCE	CATEGORY NUMBER	DESCRIPTION OF MATERIAL/EQUIPMENT IN THE CATEGORY	NAME OF CONTRACTOR	L/COMM. OR DRA NO. 497-T-052XX	U.S. DOLLAR AMOUNT PER CONTRACT CATEGORY
01H/KLP/LW/81	1	R AND C METERS	GENERAL ELEC. CO.	36	370,707.25
19/KLP/LW/82	2	CABLE	LEADER CABLE IND.		14,263.70
	2	CABLE			E 52,000.00
17/KLP/LW/82	3	WIRING DEVICES - 1	PT. ELPRIMA AGUNG TEK.	49	3,986.06
17/KLP/LW/82	4	WIRING DEVICES - 2	PT. ELPRIMA AGUNG TEK.	49	1,907.68
01H/KLP/LW/81	5	PROTECTIVE DEVICES	GENERAL ELEC. CO.	36	25,440.00
	5	PROTECTIVE DEVICES			E 30,000.00
03H/KLP/LW/81	6	LAMPS	FANATRI	38	12,198.77
02H/KLP/LW/81	7	MISC. MATERIAL - 1	WESTINGHOUSE CORP.	45	75,546.45
	7	MISC. MATERIAL - 1			E 25,000.00
17/KLP/LW/82	8	MISC. MATERIAL - 2	PT. ELPRIMA AGUNG TEK.	49	5,643.32
	8	MISC. MATERIAL - 2			E 25,000.00
02H/KLP/LW/81	9	MISC. MATERIAL - 3	WESTINGHOUSE CORP.	45	21,934.76
	9	MISC. MATERIAL - 3			E 16,000.00
02H/KLP/LW/81	10	GROUNDING EQUIP.	WESTINGHOUSE CORP.	45	26,435.00
	10	GROUNDING EQUIP.			E 16,000.00
	3	WIRING DEVICES - 1			E 10,000.00
	4	WIRING DEVICES - 2			E 5,000.00
TOTAL DOLLARS CONTRACTED FOR H.M. AND M.E. IN THIS SERVICE AREA					558,062.99
ADDITIONAL DOLLARS NEEDED FOR H.M. AND M.E. IN THIS SERVICE AREA					E 179,000.00
TOTAL ESTIMATED DOLLARS FOR H.M. AND M.E. IN THIS SERVICE AREA					E 737,062.99

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L U W U



DISTRIBUTION LINE MATERIAL AND EQUIPMENT

CATEGORY	CATEGORY DESCRIPTION	AWARDED TO CONTRACT OR AMENDMENT NO. CONTRACT PRICE	NOTICE OF AWARD	STAMP TAX PAID	PERFORMANCE BOND DELIVERED	CONTRACT SIGNED BY CONTRACTOR AND PDO	SUBMITTED TO BAPPENAS	BAPPENAS APPROVAL	TO BANK INDO. TO NAME BANK	BANK NAMED	L/COMM REQUESTED	L/C REQUESTED	L/COMM ISSUED	L/C OPENED	DELIVERY PERIOD FINALIZED	MAIN TELLS CONTRACTOR QUANTITIES TO BE SHIPPED	DELIVERY COMMENCES	REPLACEMENT MATERIAL REQUESTED	REPLACEMENTS RECEIVED	DELIVERY COMPLETED	CONTRACT CLOSED
1	LINE HARDWARE	HIJASON 01/KLP/LW/81 \$ 278,549.90	15/11/81	2/4/81	20/3/81	15/12/81	13/4/81	24/4/81	4/12/81	20/12/81	22/12/81	14/1/82	27/1/82	1/3/82	25/3/82	12/2/82	6/4/82	15/9/82	16/11/82	16/11/82	16/11/82
2	STEEL STRAND	COPPERWELD 02/KLP/LW/81 \$ 47,028.00	28/11/80	26/12/80	18/2/81	2/4/81	10/4/81	24/4/81	18/4/81	8/5/81	12/5/81	25/5/81	14/7/81	28/8/81	28/8/81	14/10/81	9/11/81	N/A	N/A	12/5/82	16/5/82
	STEEL STRAND	COPPERWELD AMENDMENT 2 - \$ 2,995.80	24/10/81	N/A	N/A	5/11/81	N/A	N/A	N/A	N/A	N/A	N/A	N/A	14/7/81	14/10/81	9/11/81	N/A	N/A	12/5/82	16/6/82	
3	BARE CONDUCTOR	MIDLAND 15/KLP/LW/82 \$ 491,290.80	21/8/82	27/8/82	2/9/82	20/9/82	24/9/82	8/10/82	14/10/82	8/11/82	9/11/82	20/11/82	13/12/82	7/12/82	13/12/82	13/12/82					
4	INSULATED CONDUCTOR	WALSIN LIHWA 04/KLP/LW/81 \$ 115,929.10	19/12/80	30/4/81	2/11/81	7/5/81	20/7/81	4/8/81	12/8/81	3/9/81	3/9/81	22/12/81	19/1/82	19/1/82	19/1/82	6/2/82	16/8/82				
	INSULATED CONDUCTOR	WALSIN LIHWA AMENDMENT 1 - \$ 3,355.10	6/2/82	N/A	2/11/81	8/4/82	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	19/1/82	6/2/82	16/8/82				
5	SPECIAL BARE CONDUCTOR	COPPERWELD 02/KLP/LW/81 \$ 2,467.36	28/11/80	26/12/80	18/2/81	2/4/81	10/4/81	24/4/81	18/4/81	8/5/81	12/5/81	25/5/81	14/7/81	28/8/81	28/8/81	14/10/81	9/11/81				
	SPECIAL BARE CONDUCTOR	COPPERWELD AMENDMENT 2 + \$ 15,830.64	24/10/81	4/11/81	18/2/81	5/11/81	10/11/81	3/12/81	N/A	N/A	22/12/81	1/3/82	1/2/82	26/3/82	26/3/82	14/10/81	9/11/81				

NOTES :

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DISTRIBUTION LINE MATERIAL AND HARDWARE

CATEGORY	CATEGORY DESCRIPTION	AWARDED TO CONTRACT OR AMENDMENT NO. CONTRACT PRICE	NOTICE OF AWARD	STAMP TAX PAID	PERFORMANCE BOND DELIVERED	CONTRACT SIGNED BY CONTRACTOR AND PDO	SUBMITTED TO BAPPENAS	BAPPENAS APPROVAL	TO BANK INDO. TO NAME BANK	BANK NAMED	L/COMM REQUESTED	L/C REQUESTED	L/COMM ISSUED	L/C OPENED	DELIVERY PERIOD FINALIZED	MAIN TELLS CONTRACTOR QUANTITIES TO BE SHIPPED	DELIVERY COMMENCES	REPLACEMENT MATERIAL REQUESTED	REPLACEMENTS RECEIVED	DELIVERY COMPLETED	CONTRACT CLOSED
6	SPECIAL INSULATED CONDUCTOR	KABELINDO 05/KLP/LW/81 \$ 886.36	28/11/80	10/3/81	24/3/81	2/4/81	13/4/81	24/4/81	25/4/81	8/5/81	12/5/81	N/A	4/8/81	N/A	4/8/81	N/A	13/8/81	N/A	N/A	21/9/81	17/12/82
7	CONDUCTOR ACCESSORIES	P.L.P 06/KLP/LW/81 \$ 29,420.50	28/11/80	26/12/80	22/5/81	2/4/81	13/4/81	24/4/81	25/4/81	8/5/81	12/5/81	25/5/81	14/7/81	14/7/81	14/7/81	15/10/81	25/8/81				
	CONDUCTOR ACCESSORIES	P.L.P AMENDMENT 1 + \$ 8,786.50	24/10/81	4/11/81	N/A	5/11/81	10/11/81	3/12/81	N/A	N/A	22/12/81	1/3/82	1/2/82	26/3/82	26/3/82	15/10/81	7/7/82				
8	CONNECTORS	IRBY 07/KLP/LW/81 \$ 23,210.15	28/11/80	13/2/81	28/9/81	22/6/81	12/10/81	12/11/81	19/11/81	29/12/81	13/1/82	1/2/82	1/2/82	10/3/82	10/3/82	5/9/81	13/10/82				
	CONNECTORS	IRBY AMENDMENT 1 + \$ 12,257.10	18/9/81	11/11/81	13/11/81	15/12/81	13/1/82	30/6/82	N/A	N/A	4/8/82	18/9/82	27/9/82	14/10/82	14/10/82	5/9/81	13/10/82				
9	INSULATORS	NEW WORLD 13/KLP/LW/81 \$ 88,988.40	10/11/81	25/11/81	19/11/81	3/12/81	18/1/82	6/2/82	26/2/82	11/3/82	12/3/82	2/4/82	22/4/82	22/4/82	22/4/82	N/A	30/6/82				
10	PROTECTIVE DEVICES	NEW WORLD 09/KLP/LW/81 \$ 34,337.00	28/11/80	31/3/81	17/3/81	22/4/81	22/4/81	27/5/81	11/6/81	25/6/81	7/7/81	26/7/81	5/8/81	5/8/81	17/8/81	4/11/81	14/12/81	N/A	N/A	13/5/82	15/6/82
	PROTECTIVE DEVICES	NEW WORLD AMENDMENT 1 + \$ 16,840.00	4/11/81	N/A	N/A	15/12/81	13/1/82	27/1/82	N/A	N/A	24/2/82	19/4/82	2/4/82	10/5/82	10/5/82	4/11/81	14/12/81	N/A	N/A	13/5/82	15/6/82

NOTES: ONLY LATEST AMENDMENTS AFFECTING CONTRACT PRICE ARE RECORDED.

DISTRIBUTION LINE MATERIAL AND EQUIPMENT

CATEGORY	CATEGORY DESCRIPTION	AWARDED TO CONTRACT OR AMENDMENT NO. CONTRACT PRICE	NOTICE OF AWARD	STAMP TAX PAID	PERFORMANCE BOND DELIVERED	CONTRACT SIGNED BY CONTRACTOR AND PDO	SUBMITTED TO BAPPENAS	BAPPENAS APPROVAL	TO BANK INDO. TO NAME BANK	BANK NAMED	L/COMM REQUESTED	L/C REQUESTED	L/COMM ISSUED	L/C OPENED	DELIVERY PERIOD FINALIZED	MAIN TELLS CONTRACTOR QUANTITIES TO BE SHIPPED	DELIVERY COMMENCES	REPLACEMENT MATERIAL REQUESTED	REPLACEMENTS RECEIVED	DELIVERY COMPLETED	CONTRACT CLOSED	
11	TRANSFORMERS	DAEWOO 10/KLP/LW/81 \$ 138,433.00	4/12/80	23/2/81	28/2/81	2/4/81	13/4/81	24/4/81	25/4/81	8/5/81	12/5/81	25/5/81	11/8/81	11/8/81	11/8/81	23/10/81	8/10/81	3/5/82				
	TRANSFORMERS	DAEWOO AMENDMENT 1 +\$ 65,071.00	23/10/81	14/12/81	N/A	31/12/81	13/1/82	27/1/82	N/A	N/A	24/2/82	19/4/82	2/4/82	6/5/82	6/5/82	23/10/81	22/6/82	N/A	N/A	18/9/82	2/11/82	
12	RECLOSERS	Mc GRAW-EDISON 11/KLP/LW/81 \$ 41,556.77	28/11/80	26/12/80	2/3/81	2/4/81	13/4/81	24/4/81	25/4/81	8/5/81	12/5/81	25/5/81	14/7/81	14/7/81	14/7/81	8/9/81	2/10/81	N/A	N/A	5/6/82	16/6/82	
	RECLOSERS	Mc GRAW-EDISON AMENDMENT 1 -\$ 671.81	8/9/81	N/A	N/A	17/9/81	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	14/7/81	8/9/81	2/10/81	N/A	N/A	5/6/82	16/6/82	
13	STREET LIGHTING EQUIPMENT	AMEND. 2 IR BY 07/KLP/LW/81 \$ 11,185.35	10/11/81	18/12/81	13/11/81	31/12/81	13/1/82	30/6/82	N/A	N/A	4/8/82	18/9/82	27/9/82	14/10/82	14/10/82	10/11/81	13/10/82					
14	WOOD PRODUCTS	NEW WORLD 09/KLP/LW/81 \$ 37,340.00	28/11/80	31/3/81	17/3/81	22/4/81	22/4/81	27/5/81	11/6/81	25/6/81	7/7/81	26/7/81	5/8/81	5/8/81	5/8/81	4/11/81	14/2/82	29/10/82				
	WOOD PRODUCTS	NEW WORLD AMENDMENT 1 -\$ 6,300.00	4/11/81	N/A	N/A	15/12/81	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	5/8/81	4/11/81	14/2/82	29/10/82				
15	TEST AND MAINTENANCE EQUIPMENT	NEW WORLD 13/KLP/LW/81 \$ 14,060.00	10/11/81	25/11/81	19/11/81	31/12/81	18/1/82	6/2/82	15/2/82	11/3/82	12/3/82	2/4/82	22/4/82	22/4/82	22/4/82	N/A	30/6/82					

NOTES:

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DISTRIBUTION LINE MATERIAL AND EQUIPMENT

CATEGORY	CATEGORY DESCRIPTION	AWARDED TO CONTRACT OR AMENDMENT NO. CONTRACT PRICE	NOTICE OF AWARD	STAMP TAX PAID	PERFORMANCE BOND DELIVERED	CONTRACT SIGNED BY CONTRACTOR AND PDO	SUBMITTED TO BAPPENAS	BAPPENAS APPROVAL	TO BANK INDO. TO NAME BANK	BANK NAMED	L/COMM REQUESTED	L/C REQUESTED	L/COMM ISSUED	L/C OPENED	DELIVERY PERIOD FINALIZED	MAIN TELLS CONTRACTOR QUANTITIES TO BE SHIPPED	DELIVERY COMMENCES	REPLACEMENT MATERIAL REQUESTED	REPLACEMENTS RECEIVED	DELIVERY COMPLETED	CONTRACT CLOSED	
1	LINE HARDWARE	HIJASON AMENDMENT 1 \$ 46,109.55	30/5 82	11/6 82	N/A	15/6 82	26/6 82	30/7 82	N/A	N/A	4/8 82	18/9 82	27/9 82	14/10 82	14/10 82	N/A	14/12 82					
1	ADDITIONAL LINE HARDWARE	ALLIS 16/KLP/LW/82 \$ 37,989.00	21/8 82	27/8 82	6/9 82	20/9 82	24/9 82	8/10 82	14/10 82	8/11 82	9/11 82	20/11 82	13/12 82	7/12 82	13/12 82	13/12 82						
8	ADDITIONAL CONNECTORS	AVCO 14/KLP/LW/82 \$ 8,942.80	21/8 82	31/8 82	7/10 82	10/11 82	16/11 82	11/12 82	14/12 82													
14	ADDITIONAL WOOD PRODUCTS	ELECTRIKA 18/KLP/LW/82 \$ 2,534.56	21/8 82	2/11 82	29/10 82	10/11 82	16/11 82	11/12 82	N/A	N/A	12/11 82	N/A		N/A								

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NOTES :

HOUSEWIRING MATERIAL AND METERING EQUIPMENT

CATEGORY	CATEGORY DESCRIPTION	AWARDED TO CONTRACT OR AMENDMENT NO. CONTRACT PRICE	NOTICE OF AWARD	STAMP TAX PAID	PERFORMANCE BOND DELIVERED	CONTRACT SIGNED BY CONTRACTOR AND PDO	SUBMITTED TO BAPPENAS	BAPPENAS APPROVAL	TO BANK INDO. TO NAME BANK	BANK NAMED	L/COMM REQUESTED	L/C REQUESTED	L/COMM ISSUED	L/C OPENED	DELIVERY PERIOD FINALIZED	MAIN TELLS CONTRACTOR QUANTITIES TO BE SHIPPED	DELIVERY COMMENCES	REPLACEMENT MATERIAL REQUESTED	REPLACEMENTS RECEIVED	DELIVERY COMPLETED	CONTRACT CLOSED	
1	RDC METERS	G.E. 01H/KLP/LW/81 \$ 370,707.25	6/11 19/11 31/11	11/81 11/81 11/81	11/12 12/81	14/1 1/82	27/1 1/82	30/1 1/82	13/2 2/82	12/3 3/82	22/4 4/82	22/4 4/82	5/5 5/82	5/5 5/82	N/A	27/10 10/82						
2	CABLES	LEADER CABLES 19/KLP/LW/82 \$ 14,263.70	21/8 8/82	20/10 10/82	9/11 11/82	10/11 11/82	16/11 11/82	11/12 12/82	14/12 12/82													
3	WIRING DEVICES - 1	LEL PRIMA 17/KLP/LW/82 \$ 3,986.06	21/8 8/82	27/8 8/82	6/9 9/82	20/9 9/82	24/9 9/82	8/10 10/82	N/A	N/A	23/9 9/82	N/A	1/10 10/82	N/A	15/10 10/82	N/A						
4	WIRING DEVICES-2	LEL PRIMA 17/KLP/LW/82 \$ 1,907.68	21/8 8/82	27/8 8/82	6/9 9/82	20/9 9/82	24/9 9/82	8/10 10/82	N/A	N/A	23/9 9/82	N/A	1/10 10/82	N/A	15/10 10/82	N/A						
5	PROTECTIVE DEVICES	G.E. 01H/KLP/LW/81 \$ 25,440.00	6/11 11/81 19/11 11/81	31/11 11/81	11/12 12/81	14/1 1/82	27/1 1/82	30/1 1/82	13/2 2/82	12/3 3/82	22/4 4/82	22/4 4/82	5/5 5/82	5/5 5/82	N/A	27/10 10/82						
6	LAMPS	FANATRI 03H/KLP/LW/81 \$ 12,198.77	6/11 11/81	11/12 12/81	23/2 2/82	23/12 12/81	N/A	N/A	N/A	N/A	18/1 1/82	N/A	25/4 4/82	N/A	25/4 4/82	N/A	20/2 2/82	16/6 6/82	23/6 6/82	28/10 10/82	2/11 11/82	
7	MISC MATERIAL- 1	WESTING HOUSE 02H/KLP/LW/81 \$ 67,483.20	6/11 11/81	25/11 11/82	31/1 1/82	31/1 1/82	11/3 3/82	29/3 3/82	7/4 4/82	27/4 4/82	27/4 4/82	10/5 5/82	23/6 6/82	19/5 5/82	23/6 6/82	N/A						
8	MISC MATERIAL-2	EL PRIMA 17/KLP/LW/82 \$ 5,643.32	21/8 8/82	27/8 8/82	6/9 9/82	20/9 9/82	24/9 9/82	8/10 10/82	N/A	N/A	23/9 9/82	N/A	1/10 10/82	N/A	15/10 10/82	N/A						

NOTES :

A11-32

HOUSEWIRING MATERIAL AND METERING EQUIPMENT

CATEGORY	CATEGORY DESCRIPTION	AWARDED TO CONTRACT OR AMENDMENT NO. CONTRACT PRICE	NOTICE OF AWARD	STAMP TAX PAID	PERFORMANCE BOND DELIVERED	CONTRACT SIGNED BY CONTRACTOR AND PDO	SUBMITTED TO BAPPENAS	BAPPENAS APPROVAL	TO BANK INDO. TO NAME BANK	BANK NAMED	L/COMM REQUESTED	L/C REQUESTED	L/COMM ISSUED	L/C OPENED	DELIVERY PERIOD FINALIZED	MAIN TELLS CONTRACTOR QUANTITIES TO BE SHIPPED	DELIVERY COMMENCES	REPLACEMENT MATERIAL REQUESTED	REPLACEMENTS RECEIVED	DELIVERY COMPLETED	CONTRACT CLOSED	
9	MISC MATERIAL - 3	WESTINGHOUSE 02H/KLP/LW/81 \$ 21,934.16	6/11/81	25/11/81	7/1/82	31/1/82	11/3/82	29/3/82	7/4/82	27/4/82	27/4/82	10/5/82	23/6/82	19/5/82	23/6/82	N/A						
10	GROUNDING EQUIPMENT	WESTINGHOUSE 02H/KLP/LW/81 \$ 26,435.00	6/11/81	25/11/81	7/1/82	31/1/82	11/3/82	29/3/82	7/4/82	27/4/82	27/4/82	10/5/82	23/6/82	19/5/82	23/6/82	N/A						

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NOTES :



TOOLS, EQUIPMENT AND VEHICLES

CATEGORY	CATEGORY DESCRIPTION	AWARDED TO CONTRACT OR AMENDMENT NO. CONTRACT PRICE	NOTICE OF AWARD	STAMP TAX PAID	PERFORMANCE BOND DELIVERED	CONTRACT SIGNED BY CONTRACTOR AND PDO	SUBMITTED TO BAPPENAS	BAPPENAS APPROVAL	TO BANK INDO. TO NAME BANK	BANK NAMED	L/COMM REQUESTED	L/C REQUESTED	L/COMM ISSUED	L/C OPENED	DELIVERY PERIOD FINALIZED	MAIN TELLS CONTRACTOR QUANTITIES TO BE SHIPPED	DELIVERY COMMENCES	REPLACEMENT MATERIAL REQUESTED	REPLACEMENTS RECEIVED	DELIVERY COMPLETED	CONTRACT CLOSED
1	PERSONNEL EQUIPMENT	GLORIA 01T/KLP/LW/81 \$ 3,473.38	6/11/81	7/12/81	12/4/82	31/12/81	3/2/82	13/2/82	N/A	N/A	18/1/82	N/A	12/5/82	N/A	25/5/82	N/A	18/10/82				
2	HAND TOOLS	WESTINGHOUSE 02T/KLP/LW/81 \$ 2,631.92	6/11/81	25/11/81	31/1/82	31/1/82	11/3/82	29/3/82	7/4/82	27/4/82	27/4/82	10/5/82	23/6/82	19/5/82	23/6/82	N/A					
3	CONSTRUCTION TOOLS & EQUIPMENT	GLORIA 01T/KLP/LW/81 \$ 10,299.16	6/11/81	7/12/81	12/4/82	31/12/81	3/2/82	13/2/82	N/A	N/A	18/1/82	N/A	12/5/82	N/A	25/5/82	N/A	18/10/82				
4	COMPRESSION TOOLS	GLORIA 01T/KLP/LW/81 \$ 6,219.38	6/11/81	7/12/81	12/4/82	31/12/81	3/2/82	13/2/82	N/A	N/A	18/1/82	N/A	12/5/82	N/A	25/5/82	N/A	18/10/82				
5	SHOP TOOLS	GLORIA 01T/KLP/LW/81 \$ 12,297.50	6/11/81	7/12/81	12/4/82	31/12/81	3/2/82	13/2/82	N/A	N/A	18/1/82	N/A	12/5/82	N/A	25/5/82	N/A	23/9/82				
6	TEST EQUIPMENT	GLORIA 01T/KLP/LW/81 \$ 9,031.61	6/11/81	7/12/81	12/4/82	31/12/81	3/2/82	13/2/82	N/A	N/A	18/1/82	N/A	12/5/82	N/A	25/5/82	N/A	18/10/82				
7	SAFETY GROUNDING EQUIPMENT	GLORIA 01T/KLP/LW/81 \$ 1,691.25	6/11/81	7/12/81	12/4/82	31/12/81	3/2/82	13/2/82	N/A	N/A	18/1/82	N/A	12/5/82	N/A	25/5/82	N/A	23/9/82				
8	VEHICLES	NO CONTRACT																			

NOTES: N/A NOT APPLICABLE AS DRA NOT L/COMM

CATEGORIES 1,3 THRU 7 L/COMM DELAY DUE TO UNACCEPTABLE PERFORMANCE BOND

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APPENDIX III  
(STATUS OF HQ COMPLEX CONSTRUCTION)

HEADQUARTERS COMPLEX CONSTRUCTION PROGRESS

LAMPUNG

CONSTRUCTION ACTIVITY	PERCENT COMPLETED		
	LAST REPORT	THIS PERIOD	TO DATE
Site Preparation	100	-	100
Access Roads	40	5	45
Drainage	25	-	25
Open Storage	35	-	35
Fence	-	-	-
Deep Wells	75	-	100
Warehouse Building			
- Foundations	60	40	100
- Steel Structure	75	-	75
- Walls	45	-	45
- Roof	-	-	-
- Floor	-	-	-
- Electrical	-	-	-
- Plumbing	-	-	-
- Finish	-	-	-
Office Building			
- Foundations	95	5	100
- Walls	35	15	50
- Roof	-	25	25
- Floor	-	-	-
- Electrical &	-	-	-
- Inter - phone	-	-	-
- Plumbing	-	-	-
- Finish	-	-	-
Clean - up	-	-	-

Notes: 40.3% completed (52.3% of target)  
 Schedule completion 77.1%

HEADQUARTERS COMPLEX CONSTRUCTION PROGRESS  
 LOMBOK

CONSTRUCTION ACTIVITY	PERCENT COMPLETED		
	LAST REPORT	THIS PERIOD	TO DATE
Site Preparation	72	-	72
Access Roads	70	12	82
Drainage	38	20	58
Open Storage Fence	100	-	100
Deep Wells	-	-	-
Warehouse Building			
- Foundations	41	9	50
- Steel Structure	-	26	26
- Walls	-	-	-
- Roof	-	-	-
- Floor	-	-	-
- Electrical	-	-	-
- Plumbing	-	-	-
- Finish	-	-	-
Office Building			
- Foundations	69	31	100
- Walls	5	34	39
- Roof	-	10	10
- Floor	-	-	-
- Electrical & Inter - phone	-	-	-
- Plumbing	-	-	-
- Finish	-	-	-
Clean - up			

Notes: 22.9% completed ( 53.4% of target)  
 Scheduled completion 42.9%  
 Actual effective date of Contract was Sept. 26th 1982.

HEADQUARTERS COMPLEX CONSTRUCTION PROGRESS





LUWU

CONSTRUCTION ACTIVITY	PERCENT COMPLETED		
	LAST REPORT	THIS PERIOD	TO DATE
Site Preparation	100	-	100
Access Roads	25	-	25
Drainage	-	9	9
Open Storage	15	-	15
Fence	10	14	24
Deep Wells	95	-	95
Warehouse Building			
- Foundations	40	5	45
- Steel Structure	65	10	75
- Walls	15	30	45
- Roof	-	-	-
- Floor	-	-	-
- Electrical	-	-	-
- Plumbing	-	-	-
- Finish	-	-	-
Office Building			
- Foundations	95	5	100
- Walls	60	30	90
- Roof	20	30	50
- Floor	-	-	-
- Electrical &	-	-	-
Inter - phone	-	-	-
- Plumbing	-	-	-
- Finish	-	-	-
Clean - up	-	-	-

Notes: 38,1% completed ( 45% of target).  
 Scheduled completion 84,4%.

APPENDIX IV  
(SUMMARY OF PROJECT STATUS)

LEGEND

-  Prior work accomplished
-  Work accomplished during reporting period
-  Work performed before/after scheduled completion date of the activity
-  Scheduled work

ACTIVITY	% OF PROJECT	1978				1979											
		S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D
<u>ENGINEERING</u>																	
DEMONSTRATION PROJECT DISTRIBUTION SYSTEM	2.9																
CENTERLINE STAKING	7																
SYSTEM DESIGN	5																
CONSTRUCTION DRAWINGS	5.2																
HEADQUARTERS COMPLEX																	
A&E SERVICE	1.5																
SITE INVESTIGATION	.5																
PRELIMINARY DESIGN	.7																
FINAL DESIGN	.9																
CONSTRUCTION DOCUMENTS	.5																
<u>PROCUREMENT &amp; DELIVERY</u>																	
DEMONSTRATION PROJECT	2.9																
LINE MATERIAL	9.5																
POLES	11.9																
TOOLS & EQUIPMENT	6.2																
HOUSEWIRING MATERIAL & METERS	8.7																
<u>CONSTRUCTION</u>																	
DEMONSTRATION PROJECT	2.5																
DISTRIBUTION SYSTEM																	
CONTRACTOR SERVICES	3.3																
LINE CONSTRUCTION	3.3																
LINE TESTING	2.8																
HOUSEWIRING & METERS	8.5																
SERVICES	8.5																
HEADQUARTERS COMPLEX																	
CONTRACTOR SERVICES	2.9																
SITE DEVELOPMENT	.6																
FOUNDATIONS	1																
STRUCTURES	1.2																
SUPPORT SYSTEMS	1																
FINISH DETAILS	1																

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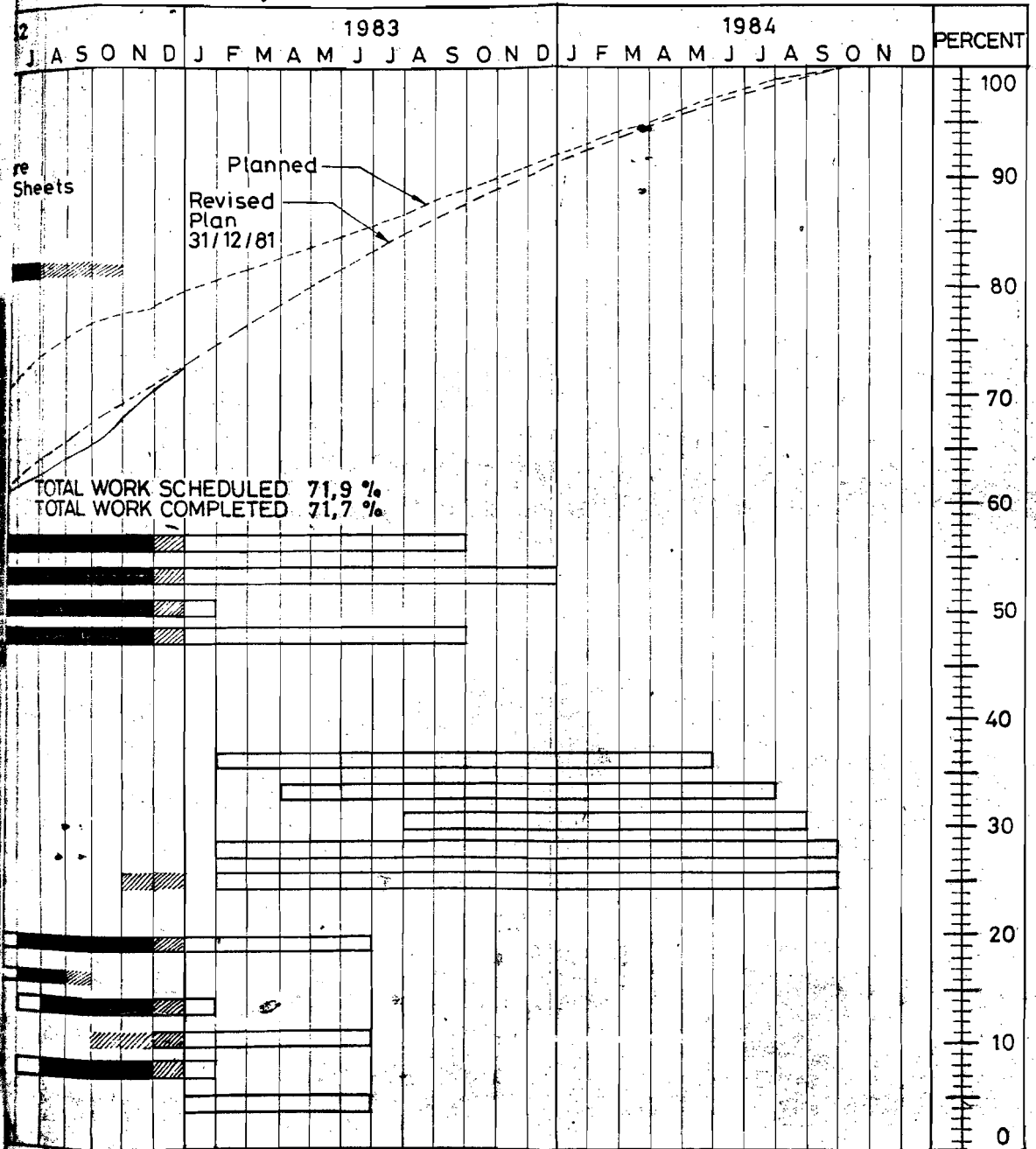




1. Bar Chart revised as of July 31, 1981.
  2. Bar Chart revised as of Dec. 31, 1981.
- Projected and completed percentages based upon activity months.

**MAIN**

REPORTING PERIOD : DEC., 1982



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A IV-2 PROJECT