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**PERUSAHAAN UMUM LISTRIK NEGARA
AGENCY OF MINISTRY OF PUBLIC WORKS AND POWER
GOVERNMENT OF REPUBLIC OF INDONESIA**

SEMARANG STEAM POWER PLANT UNITS 1 AND 2

105 p.



MONTHLY PROGRESS REPORT

for

DEC 1978
BVI FILE A26C

**ENGINEERING DESIGN, PROCUREMENT, CONSTRUCTION
MANAGEMENT AND TRAINING SERVICES**

AID LOAN 497-H-024



BLACK & VEATCH INTERNATIONAL
consulting engineers

SEMARANG STEAM POWER PLANT
UNITS 1 AND 2

MONTHLY PROGRESS REPORT
FOR
DECEMBER 1978

AID LOAN 497-H-024
PROJECT 6104
BVI FILE A-26C

BLACK & VEATCH INTERNATIONAL
CONSULTING ENGINEERS
Kansas City, Missouri, U.S.A. -- Jakarta, Indonesia

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**SEMARANG STEAM POWER PLANT
UNITS 1 AND 2
MONTHLY PROGRESS REPORT
FOR
DECEMBER 1978**

I. PROJECT DESCRIPTION

A. CONSULTING ENGINEER

Black & Veatch International, 1500 Meadow Lake Parkway,
Kansas City, Missouri 64114, U.S.A.

B. PROJECT

Semarang Steam Power Plant, Units 1 and 2, Semarang
Central Java, Indonesia.

C. AID LOAN IMPLEMENTATION

The loan agreement between the Government of the Republic of Indonesia (GOI) and the United States Agency for International Development (USAID) under loan 497-H-024 is dated 3 November 1971 and is for an amount of NINETEEN MILLION SEVEN HUNDRED THOUSAND UNITED STATES DOLLARS (\$19,700,000). Originally, the termination date of the loan was 3 November 1977, however Implementation Letter No.5 dated 17 June 1974 extended the terminal date for disbursements to and including 30 September 1979.

D. ENGINEERING SERVICES

The engineering contract with Perusahaan Umum Listrik Negara (PLN), Agency of Ministry of Public Works and Power of the Government of Republic of Indonesia, and Black & Veatch International (BVI) was signed 23 September 1972.

The amount of this contract was THREE MILLION SIXTY-TWO THOUSAND NINE HUNDRED EIGHTY-FOUR UNITED STATES DOLLARS (\$3,062,984.-)

During October 1978 an Engineering Contract Amendment was signed by PLN increasing the amount for Engineering Services to \$4,025,956.-

E. LETTERS OF COMMITMENT

Letter of commitment 497-H-02401, issued to Black & Veatch International on 5 January 1973, provides funds for Engineering design, procurement, construction management training services and the banking charges of the Continental Illinois National Bank & Trust Company of Chicago. Originally, the termination date of the Letter of Commitment was 3 November 1977, however amendment number 1 dated October 10, 1978 extended the terminal date to 30 September 1979.

Attached sheet LC-1, General Information Contracts and Letters of Credit, shows the Letters of Commitment which have been issued for the major equipment contracts.

F. LETTERS OF CREDIT

Letter of Credit 1583955 was issued 24 January 1973 by the Continental Illinois National Bank & Trust Company of Chicago in favor of BVI. This letter of credit covers engineering design, procurement, construction management and training services for the Semarang Steam Power Plant, Units 1 and 2, and was valid to 3 November 1977. However, an Amendment was issued to the Letter of Credit on 10 November 1978 extending the terminal date to 30 September 1979.

G. SCOPE OF WORK

The engineering services required for the Semarang Steam Power Plant, Units 1 and 2, are outlined in the Scope of Work included in Article 3.0 and Appendix A of the engineering contract.

II. PROJECT PERSONNEL

BVI has assigned to the project the following home office engineers, all situated in the Kansas City office.

A.M. Acheson	- Principal Engineer
H.B. Ellis	- Director of Training
L.J. Svoboda	- Project Manager
G.F. Prendergast	- Project Engineer
J.P. Harrington	- Project Electrical Engineer
M.L. Queen	- Project Mechanical Engineer
J.R. Brake	- Project Structural Engineer

All professional, technical, drafting and clerical assistance required is available to the above mentioned personnel. The cumulative man month effort by the Kansas City office through October 1978 was 807.83 man months.

BVI has assigned to the project the following Resident Field personnel:

M.E. Moore	- Chief Field Project Engineer
C.G. Box	- Material/Accounting/Purchasing Specialist
J.D. Dyer	- Electrical Field Engineer
J.B. Hooper	- Chief Operating & Training Engineer
L. Russell	- Cost Schedule and Reports Specialist
R.N. Loveall	- Shift Supervisor Operating Engineer
A.J. Baran	- Shift Supervisor Operating Engineer
W.P. Kee	- Shift Supervisor Operating Engineer
R.W. Milligan	- Shift Supervisor Operating Engineer

The cumulative man month effort by the Semarang office through October 1978 was 311.08 man months.

Mr. M.E. Moore traveled to Jakarta to discuss project matters with PLN Pusat Personnel.

During December 1978, Mr. J.B. Hooper, Chief Operating and Training Engineer, returned to the United States.

III. VENDOR REPRESENTATIVES

A. D.C. Mesner Associates

Mr. D.C. Mesner arrived in Semarang on 10 May 1976 to test and commission the Hoist & Derrick. This representative departed Semarang on 19 May 1976.

B. Foster Wheeler World Services Corporation

Mr. H.A. Kornegay, Construction Consultant for Foster Wheeler Corporation, reported to the project site on 3 June 1976. This representative was released by PLN on 10 September 1977.

The Foster Wheeler start-up and service Engineer, Mr. J. Slomka arrived on 15 November 1977 for check-out of the Steam Generator equipment prior to operation. Mr. Slomka departed Semarang on 1 July 1978, and returned for start-up on 30 August 1978. During the latter part of November 1978, he was released by MWK-B for return to the United States.

A Forney Engineering Company representative is expected on-site in January 1979. New burner tips will be hand-carried by this representative.

C. Dresser Industries Inc.

The Service Representative from Dresser Industries Inc., Mr. Harvey Dice, arrived in Semarang on 2 February 1977 for final check-out and initial operation of the Turbine Room Crane. This representative departed Semarang on 12 February 1977.

D. Bailey Meter Company

The Bailey Meter Serviceman, Mr. K.L. Havron, arrived in Semarang on 6 December 1977 to check out the Control and Instrument Equipment being supplied by this manufacturer. Mr. Havron departed Semarang on 30 June 1978.

Mr. J.C. North arrived in Semarang on 23 August 1978 to continue the check-out work for the Control and Instrument Equipment prior to start-up. This work was completed during December 1978 and the Representative returned to the United States.

E. Bingham Willamette Company

Mr. Larry Laverdure, the Service Representative for both the Boiler Feed Pumps and the Circulating Water Pumps, completed the initial check-out of this equipment between 16 November 1977 and 10 December 1977 and returned to the United States.

Mr. Laverdure returned to Semarang on 30 March 1978 to test subject equipment prior to start-up. This portion of the work was completed and the representative departed Semarang on 22 April 1978.

A final visit was made to the jobsite by Mr. Laverdure between July 10 and July 21, 1978.

F. General Electric Company (Electrical Equipment)

The Manufacturer's Representative for the Electrical Equipment and Auxiliaries Contract (E-10A), Mr. G. Restrepo, arrived in Semarang on 29 November 1977. Mr. Restrepo's portion of testing and energization of the electrical equipment has been concluded and he departed Semarang on 7 July 1978.

G. General Electric Company (Turbine Generator Equipment)

Mr. G.I. Ottman, the G.E. Turbine Erector, reported completion of his portion of the work and departed Semarang in May 1978.

The start-up Engineer for the Turbine Generator Mr. H. Schulz, arrived in Semarang on 28 February 1978 to check-out the equipment prior to initial operation. Mr. H. Schulz departed Semarang on 1 July 1978, and returned for start-up on 15 August 1978.

The excitation check-out Engineer, Mr. L. Patchett arrived on 15 August 1978 to check out this system prior to start-up. During November 1978, Mr. Patchett was released by MWK-B and has returned to the United States.

H. Riley Beaird Inc.

The Service Representative for the Desalination Equipment, Mr. Gerald E. Rainey, completed the initial check-out of this equipment between 8 December 1977 and 15 December 1977 and returned to the United States.

Mr. Rainey returned to Semarang on 9 March 1978 to test and start-up subject equipment. This work has been completed and the representative departed Semarang on 14 April 1978.

A final visit was made to the jobsite by Mr. Rainey during October 1978.

I. Soutwestern Engineering Company

A Service Representative from this manufacturer may not be required at this time.

IV. VISITORS TO SITE

During December 1978, the following individuals visited the Semarang Steam Power Plant Project site:

<u>N a m e</u>	<u>Company or Organization</u>	<u>Purpose of Visit</u>
Mr. Wiratmoko and Mr. Sardjono	PLN Pusat	Inspection Tour of the Semarang Steam Power Plant.
Messrs. Beach, Stichenwirth and Sneddon	World Bank	Inspection of the Plant site in relation to Unit 3.
Mr. Mochtar, Mr. Rizal.	PLN Pusat	Inspection of the Plant site in relation to Unit 3.

V. PROGRESS OF WORK

A. DESIGN

The 15 June 1976 issue of the Project Design Report 6104-A-26C for Units 1 and 2 of the Semarang Steam Power Plant provides the comprehensive design criteria for this project.

B. STATUS OF TENDERS

The actual status of each tender is shown on the attached PS-1 report (Progress Schedule - Specification and Procurement). The tenders which have been finalized have resulted in signed contracts, details of which are contained in paragraph (D), Status of Contracts, Section V of this report.

C. TRAINING

Phase III of the on-site training continued during the month.

The Maintenance and Operator Trainees are following the progress and observing the testing and check-out of the B.O.S. equipment at the Fuel Oil Pumping Station.

One group of trainees received classroom instructions from Pertamina on procedures in the handling of lines and hooking up to tanker during fuel oil unloading operations.

The Bailey Meter Service Representative held classroom instruction for the Instrument Department, prior to his departure from Indonesia. This instruction was held on December 5 - 9 and included calibration and repair of Plant Instruments.

The Maintenance Trainees continue to spend a portion of their time observing the testing, calibration, alignment, check-out and start-up of equipment and systems. Trainees are now performing routine maintenance. Their duties also include trouble shooting, lubrication of equipment, cleaning of strainers, ignitors, pump repairs, valve repairs, etc.

The materials section continue to record, tag and store spare parts as they are turned over by the contractor. They are also receiving, storing, and re-issuing supplies and tools which are being transferred from PLN's Krapyak warehouse.

The Chemist continue in organizing the Chemical Lab, and storing supplies. During December 14-30, a chemist from the PLTU Surabaya Plant visited the project site to give instructions on the methods for testing water and steam samples.

D. STATUS OF CONTRACTS

As of December 1978, the following contracts have been awarded for supply of equipment and material for the construction of the Semarang Steam Power Plant:

1. Electrical Equipment (E-10A) General Electric Company

Conformed contract No.Pj.087/PST/74 for this equipment was issued on 28 June 1974. The contract shall include electrical equipment and material, all in accordance with the specification and contract documents.

2. Turbine Generator (M-10A) General Electric Company

Conformed contract No.Pj.086/PST/74 for this equipment was issued on 28 June 1974. The contract shall include furnishing of Units 1 and 2 Turbine Generators and Lube Oil conditioners and hydrogen generation equipment common to both units 1 and 2, all in accordance with the specification and contract documents.

3. Steam Generators (M-34A) Foster Wheeler World Services Corporation

Conformed contract No.Pj.096/PST/74 for this equipment was issued on 29 June 1974. The contract shall include furnishing, delivering to the Semarang Steam Power Plant Site Units 1 and 2 steam generators and auxiliaries, all as specified in the specifications and in accordance with the contract documents.

4. Control and Instrument Equipment (K-2A) Bailey Meter Company

Conformed Contract No.Pj.094/PST/74 for this equipment was issued on 28 June 1974. The contract shall include

furnishing control and instrument equipment delivered to the Port of Semarang, Indonesia, all in accordance with the contract documents.

5. Turbine Room Crane (S-10A) Dresser Crane

Conformed contract No.Pj.103/PST/74 for this equipment was issued on 10 July 1974. The contract shall include furnishing the turbine room crane, delivered to the Port of Semarang, Indonesia, all in accordance with the contract documents.

6. Circulating Water Pumps (M-12A) Bingham-Willamette Company

Conformed Contract No.Pj.104/PST/74 for this equipment was issued on 10 July 1974. The contract shall include three (3) circulating water pumps and motors common to both Units 1 and 2 and for providing services and miscellaneous materials; all in accordance with the contract documents.

7. Surface Condensers (M-12A) Southwestern Engineering
Company

Conformed Contract No.Pj.106/PST/74 for this equipment was issued on 20 July 1974. The contract shall include the following major equipment for each of the generating units; one (1) surface condenser for each unit, shop tubed; one (1) air ejector and one (1) steam space priming ejector for each unit, two (2) condensate pumps and motors for each unit. All material shall be delivered to the Port of Semarang, Indonesia and must be in accordance with the contract documents.

8. Traveling Screens (M-12A) FMC Corporation

Conformed Contract No.Pj.117/PST/74 for this equipment was issued on 26 July 1974. The contract shall include a total of three (3) traveling water screens with

accessories, delivered to the Port of Semarang, Indonesia in accordance with the contract documents.

9. Desalination Equipment (M-12B) Riley-Beaird, Inc.

Conformed Contract No.Pj.101/PST/74 for this equipment was issued on 10 July 1974. The contract shall include one (1) flash evaporator, one (1) desalination plant, one (1) package steam generator and miscellaneous materials, delivered to the Port of Semarang, Indonesia in accordance with the contract documents.

10. Heat Exchangers (M-12B) Struthers Wells Corporation

Conformed contract No.Pj.102/PST/74 for this equipment was issued on 10 July 1974. The contract shall include the following major items; two (2) low pressure feedwater heaters for each unit, two (2) high pressure feedwater heaters for each unit and two (2) auxiliary cooling water heat exchangers for each unit. All material shall be delivered to the Port of Semarang, Indonesia and must be in accordance with the contract documents.

11. Boiler Feed Pumps (M-26A) Bingham-Willamette Company

Conformed Contract No.Pj.100/PST/74 for this equipment was issued on 10 July 1974. The contract shall include four (4) boiler feed pumps, delivered to the Port of Semarang, Indonesia in accordance with the contract documents.

12. Auxiliary Pumps (M-26A) Worthington Sales Company

Conformed Contract No.Pj.118/PST/74 for this equipment was issued on 26 July 1974. The contract shall include furnishing the auxiliary pumps; delivery of same to the Port of Semarang, Indonesia and unloading from transport;

providing services and miscellaneous materials; all complete and in accordance with the contract documents.

13. Hoist & Derrick (S-10) D.C. Mesner Associates

Conformed Contract No.Pj.161/PST/74 for this equipment was issued on 24 September 1974. The contract shall include one (1) hoist and derrick delivered to the Port of Semarang, Indonesia in accordance with the contract documents.

14. Fabricated Steel, Steel Sheet Piling and Reinforcing Steel (S-20A) Bristol Steel & Iron Works, Inc.

Conformed Contract No.Pj.188/PST/74 for this material was issued on 2 November 1974. The contract shall include furnishing fabricated structural steel, floor grating and stair treads, handrailing, reinforcing steel and steel sheet piling materials; delivery of same to the Port of Semarang, Indonesia, providing services and miscellaneous materials; detail and erection drawings and engineering data; all complete and in accordance with contract documents.

15. Site Fill (C-8A) P.T. Hutama Karya

This contract covers the necessary earthwork to prepare the construction site. The major components of the work under the site fill contract are; site preparation, dewatering, excavation and fills. Please refer to paragraph (F), Construction, of Section V for progress against this contract.

16. Pile and Pile Caps (C-8B) P.T. Pembangunan Perumahan

This contract includes providing all labor, supervision, administration and management, construction equipment, material and services necessary to perform the pile and pile caps construction complete and in accordance with

the specifications, drawings and other contract documents. Major components for the work include; excavation for Pile and Pile Caps, Cast-in-place concrete, Pile and Pile Caps and Pile load tests. Please refer to paragraph (F), Construction, of Section V for progress against this contract.

17. Site Development - Civil (C-8C) P.T. Adhi Karya

This contract shall include furnishing all materials; providing all labor, supervision, administration and management; and provide all construction equipment, materials and services necessary to perform the site development construction complete and in accordance with the specifications, drawings, and other contract documents. Major components of the work include; Earthwork, Piling, Crushed rock surfacing, Construction fencing, Cast - in - place concrete, Precast concrete, Dock fenders and Concrete tank foundations. Please refer to paragraph (F), Construction, of Section V for progress against this contract.

18. Site Development-Mechanical (C-8C) P.T. Boma Bisma Indra

This contract shall include furnishing all materials; providing all labor, supervision, administration and management; and provide all construction equipment, materials and services necessary to perform the site development construction complete and in accordance with the specifications, drawings and other contract documents. Major components of the work include; Earthwork, Water Wells, Water storage tanks and Fuel Oil storage tanks. Please refer to paragraph (F), Construction, of Section V for progress against this contract.

19. General Construction (C-8H) MWK International Ltd. and
E.E. Black Ltd. (MWK-B)

Conformed Contract No.Pj.191/PST/75 for this work was issued on 13 September 1975. The contract shall include furnishing all equipment and materials except those specifically listed in the specification as being furnished by the Owner; and supplying all construction equipment, materials, suppliers and services necessary to perform the General, Mechanical and Electrical construction complete in accordance with the specifications, drawings and other contract documents.

20. Submarine Oil Pipeline (C-8D) Bouygues Offshore

Conformed Contract No.Pj.009/PST/77 for this work was issued on 8 February 1977. The contract includes the provision of all investigative and design services; furnishing all equipment and materials; providing all labor, supervision, administration and management; and supplying all construction equipment, materials, supplies and services necessary to design, constructing and placing into successful operation the Submarine Oil Pipeline complete and in accordance with the contract documents.

21. Pile and Pile Caps - Submarine Oil Installation (C-8E)
P.T. E.E. Black Indonesia Construction.

Conformed Contract No.SPP.010/TU/P.I. Kiterm Jateng/77-78/77 for this work was issued on 1 September 1977. The contract shall include furnishing all materials; providing all labor, supervision, administration and management; and provide all construction equipment, materials, and services necessary to perform the pile and pile caps construction for the Submarine Oil Installation, complete in accordance with the specification, drawings and other contract documents.

E. DELIVERY OF EQUIPMENT AND MATERIAL

There are still several items of equipment and material which have not been received from General Electric Company. The Engineer is pushing the supplier for shipment of the required items.

A list of critical items is shown under item (J) of this report section.

The Engineer continued to process insurance claims, on behalf of the Owner, covering damaged material received from the suppliers.

F. CONSTRUCTION

1. C-8A Site Fill (Contractor, P.T. Hutama Karya)

The site fill contract was completed in 1975.

2. C-8B Pile and Pile Caps (Contractor, P.T. Pembangunan Perumahan)

The contractor completed his work in October 1976.

3. C-8C Civil Site Development (Contractor, P.T. Adhi Karya)

The contractor completed his work in October 1976.

4. C-8C Mechanical Site Development (Contractor, P.T. Boma Bisma Indra)

The contract was considered complete in November 1977.

5. C-8D Submarine Oil Pipeline (Contractor, Bouygues Offshore)

The installation is now being tested and apart from punch list items will be ready for first off loading early in January.

6. C-8E Piles and Pile Caps, Submarine Oil Installation
(Contractor, P.T. E.E. Black Indonesia Construction)

This contract was completed in October 1978.

7. C-8H General Construction (Contractor, MWK International and E.E. Black Ltd. (MWK-B))

CIVIL

1. Power Plant Building

The contractor continued attending to punch list items.

2. Discharge Canal

Meetings were held both in the office and on site. MWK-B was requested to bring the berms back to the correct level in accordance with the contract.

MECHANICAL

1. Boiler Units 1 and 2

The Forney representative has still not arrived with the replacement parts and telexes have been sent to America and Australia. Until the boiler problems are resolved we are unable to attain the full output of the plant.

2. Turbine Generators 1 & 2

We regret that the report for November 1978 stated steam leaks were observed on Unit 1. This should have reported leaks on Unit 2.

The turbine has been opened but a number of bolts had to be drilled out. This has taken a lot longer than expected due mainly to a lack of proper equipment. It is now anticipated that this will be finished in the first part of January after which a "blue check" can be performed to ascertain the extent of the deformation and action required.

3. Miscellaneous

We still have difficulty with the fibercast piping and still await valve gaskets. The piping has been concentrated below the building structure to reinforce the system. The gaskets have been ordered by the contractor but not yet received.

4. Instrumentation

The Bailey Meter representative departed after giving final training to the Owners staff.

5. Heating, Ventilating and Air Conditioning

Regrettably the repaired compressor for the office wing air conditioning must now be replaced. The pistons broke with consequent damage to the cylinders. This air conditioning equipment should have been working

12 months ago. Due to the problems with equipment in the laboratory the contractor will be asked to provide temporary air conditioning in this area.

ELECTRICAL

1. 22 Kv and 150 Kv Substation

Two C.C.P.D.s were installed and the Bus Tie Transformer P.T.s re-connected in their proper position.

This has allowed us to put the Bus Tie Transformer in service. The other C.C.P.D.s are still awaited.

2. Equipment

Supplies of missing/damaged G.E. items continue to dribble in and be installed.

3. Lighting

Final deliveries of missing lighting fixtures are still awaited although the lighting is 99% complete.

G. START-UP

Due to the steam leaks from the turbine, Unit 2 is shut down. The machine is being opened for inspection as soon as possible after which an assessment of the time required for the repairs will be made.

H. OVERALL SCHEDULE

The attached sheet PS-2, "Progress Schedule - Construction and Erection", will show actual progress of major items as compared to the progress schedule.

I. COST ESTIMATE

The Overall Project Estimate was updated in November 1978 to reflect the estimated final costs for the Semarang Steam Power Plant Units 1 and 2. Also, the Forecast of Disbursements for Engineering, Construction Management and Training Service (DF-2) has been updated to reflect the estimated final engineering costs.

J. PROJECT DIFFICULTIES

Major difficulties are the steam leaks on Unit 2 turbine which is now shut down for assessment of the repairs needed.

The boilers have not reached full capacity and the burner tips are being replaced. A Forney representative is to hand carry these to site to install them and to attend to other burner at the same time.

Below is a list of known material shortages. The Engineer is constantly pushing the suppliers to expedite the delivery of these items.

Unit I

Coupling Capacitor Potential Devices (CCPD)

Unit II

Flexible Connectors for I.P.B.D.

Relays for 4160V Swgr.2.

Relay Coils

Thermocouples for Boiler Feed Pumps.

Bushing for 4160V Swgr.2, Breaker 2.

VI. EXHIBITS

A. PS-1 Progress Schedule Specification and Procurement

Schedule of Specification for equipment procurement items; lists important dates concerning the progress of equipment tendering, up to replacement of order, for all materials procured in the U.S.A., by specification number; actual dates are reflected against scheduled dates.

B. PS-2 Progress Schedule Construction and Erection

A bar chart with the construction curve overlay which shows the estimated and actual construction progress.

C. LC-1 General Information Contracts and Letters of Credit

Schedule which lists the contracts, suppliers, and contract cost for U.S. Dollar financed portion of the project. Also, lists the Letters of Commitment and Letters of Credit numbers, amounts and dates.

D. DF-1 Financial Plan and Cash Flow - U.S. Dollars (Thousands)

Reflects the rounded-off forecast cash flow by specification number for the project.

E. DF-2 Cash Flow - Engineering, Construction Management and Training

Reflects the rounded-off forecast of disbursements for Engineering services.

F. DF-2A Engineering, Construction Management and Training Cash Flow

Reflects the actual disbursement for Engineering services.

G. DF-3 Overall Project Estimate

Reflects the overall cost of the Semarang Steam Power Plant, divided into U.S. Dollars and Indonesian Rupiah.

H. Training Schedule

A bar chart which reflects the training schedule for the Semarang Plant Trainees.

I. General Project Schedule

Bar chart which reflects the overall schedule of the Semarang Steam Power Plant.

J. Organization Chart - Engineering Staff

Diagram which lists the key U.S. and Indonesian based personnel assigned to the project.

K. Organization Chart - Training Staff

Diagram which lists the key U.S. and Indonesian based personnel for phase III of the on-site training program.

L. Engineering Manpower Schedule

Bar chart which reflects the estimate Engineering man-months for the project.

M. SS-1 Shipping Statement Cumulative

Schedule which identifies each shipment by invoice number, name of vessel date of shipment, F.A.S. cost and ocean freight cost.

N. Drawing A-0001 Site Arrangement General Layout

This drawing shows the overall arrangement and General Layout of the Semarang Project Site.

O. Drawing A-1005 Plant Arrangement and Building Section

This drawing shows the general arrangement and building area for the Semarang Project.

SPEC NO.	WORK ITEM		PRELIMINARY SPEC. ISSUE	U.S AID COMMENTS	PLN COMMENTS	ISSUED FOR BIDS	BIDS RECEIVED	RECOMMENDED FOR PURCHASE	ORDER PLACED
	MECHANICAL								
M-10A	TURBINE GENERATORS AND HYDROGEN EQUIPMENT	SCHEDULE	29-6-73	27-7-73	30-7-73	31-7-73	10-73	10-73	31-10-73
		ACTUAL	6-3-73	6-73	13-7-73	25-7-73	11-10-73	31-12-73	15-5-74
M-12A	CONDENSERS	SCHEDULE	29-6-73	27-7-73	30-7-73	31-7-73	(A) ^o 1-02-74	10-73	31-10-73
		ACTUAL	13-3-73	6-73	13-7-73	(A) ^o 30-11-73	5-02-74	25-2-74	14-6-74
M-12A	CIRCULATING WATER PUMPS	SCHEDULE	29-6-73	27-7-73	30-7-73	31-7-73	(A) ^o 1-02-74	10-73	31-10-73
		ACTUAL	13-3-73	6-73	13-7-73	(A) ^o 30-11-73	5-02-74	25-2-74	14-6-74
M-12A	TRAVELING SCREENS	SCHEDULE	29-6-73	27-7-73	30-7-73	31-7-73	(A) ^o 1-02-74	10-73	31-10-73
		ACTUAL	13-3-73	6-73	13-7-73	(A) ^o 30-11-73	5-02-74	25-2-74	14-6-74
M-12B	DESALINATION EQUIPMENT	SCHEDULE	31-8-73	24-9-73	27-9-73	28-9-73	(A) ^o 5-01-74	12-73	31-12-73
		ACTUAL	15-8-73	15-10-73	27-8-73	29-10-73	5-01-74	25-2-74	14-6-74
M-12B	HEAT EXCHANGERS	SCHEDULE	31-8-73	24-9-73	27-9-73	28-9-73	(A) ^o 5-01-74	12-73	31-12-73
		ACTUAL	15-8-73	15-10-73	27-8-73	29-10-73	5-01-74	25-2-74	14-6-74
M-26A	BOILER FEED PUMPS	SCHEDULE	31-8-73	24-9-73	27-9-73	28-9-73	(A) ^o 5-01-74	12-73	31-12-73
		ACTUAL	15-8-73	12-10-73	25-8-73	29-10-73	5-01-74	25-2-74	14-6-74
M-26A	AUXILIARY PUMPS	SCHEDULE	31-8-73	24-9-73	27-9-73	28-9-73	(A) ^o 1-02-74	12-73	31-12-73
		ACTUAL	15-8-73	12-10-73	25-8-73	29-10-73	5-01-74	25-2-74	14-6-74
M-34A	STEAM GENERATORS	SCHEDULE	29-6-73	27-7-73	30-7-73	31-7-73	(B) ^o 15-01-74	10-73	31-10-73
		ACTUAL	9-3-73	6-73	13-7-73	(B) ^o 30-11-73	15-01-74	4-2-74	14-6-74
	ELECTRICAL								
E-10A	PLANT & SUBSTATION ELECTRICAL EQUIPMENT	SCHEDULE	31-8-73	24-9-73	27-9-73	28-9-73	1-02-74	12-73	31-12-73
		ACTUAL	9-8-73	10-10-73	24-8-73	30-10-73	5-02-74	28-02-74	18-5-74
	CONTRDL & INSTRUMENT								
K-2A	CONTROL AND INSTRUMENT EQUIPMENT	SCHEDULE	31-8-73	24-9-73	27-9-73	28-9-73	5-01-74	12-73	31-12-73
		ACTUAL	14-8-73	10-10-73	28-8-73	24-10-73	5-01-74	14-01-74	22-5-74
	STRUCTURAL								
S-10A	TURBINE ROOM CRANE	SCHEDULE	31-7-73	27-8-73	30-8-73	31-8-73	5-01-74	01-74	31-10-73
		ACTUAL	29-6-73	28-9-73	23-7-73	20-10-73	5-01-74	29-01-74	14-6-74
S-10B	HOIST AND DERRICK	SCHEDULE	31-7-73	27-8-73	30-8-73	31-8-73	5-01-74	01-74	31-10-73
		ACTUAL	29-6-73	29-9-73	23-7-73	20-10-73	5-01-74	29-01-74	2-8-74
S-20A	FABRICATED STEEL; SHEET PILING; REINFORCING STEEL	SCHEDULE	31-7-73	27-8-73	30-8-73	31-8-73	31-3-74	5-74	31-10-73
		ACTUAL	29-6-73	28-9-73	23-7-73	20-10-73	12-7-74	9-8-74	16-10-74

(A) CONDENSER SPEC REVISED FOR REBID

(B) STEAM GENERATOR SPEC ADDENDUM ISSUED FOR REBID

*) RESCHEDULED 31-3-74

**) RESCHEDULED 10-01-74

***) REBIDS RECEIVED ON 10-5-74

BLACK & VEATCH INTERNATIONAL
KANSAS CITY, MISSOURI USA

PERUSAHAAN UMUM LISTRIK NEGARA
AGENCY OF MINISTRY OF PUBLIC WORKS AND POWER
GOVERNMENT OF INDONESIA
100HW(2-SMW) SEMARANG STEAM POWER PLANT UNITS 1 & 2

UNITED STATES OF AMERICA
AID LOAN 487-N-024

PROGRESS SCHEDULE
SPECIFICATION AND PROCUREMENT

PROJECT
6104
DRAWING
PS-1
SHEET 1 OF 2

SPEC NO.	WORK ITEM	PRELIMINARY SPEC ISSUE	U.S AID COMMENTS	PLN COMMENTS	ISSUED FOR BIDS	BIDS RECEIVED	RECOMMENDED FOR PURCHASE	ORDER PLACED
	GENERAL CONSTRUCTION							
C-8H	ELECTRICAL CONSTRUCTION	SCHEDULE 31-5-74	24-6-74	27-6-74	28-6-74	9-74	10-74	7-10-74
		ACTUAL 30-7-74	NA	23-9-74	25-11-74	25-2-75	3-75	13-9-75
C-8H	MECHANICAL CONSTRUCTION	SCHEDULE 31-5-74	24-6-74	27-6-74	28-6-74	9-74	10-74	7-10-74
		ACTUAL 30-7-74	NA	23-9-74	25-11-74	25-2-75	3-75	13-9-75
C-8H	STRUCTURAL CONSTRUCTION	SCHEDULE 31-5-74	24-6-74	27-6-74	28-6-74	9-74	10-74	7-10-74
		ACTUAL 20-7-74	NA	23-9-74	25-11-74	25-2-75	3-75	13-9-75
C-8A	SITE FILL	SCHEDULE 31-7-73	NA	30-8-73	31-8-73	3-73	9-73	28-9-73
		ACTUAL 29-6-73	NA	25-7-73	1-8-73	27-8-73	1-9-73	6-9-73
C-8B	PILES AND PILE CAPS	SCHEDULE 30-11-73	NA	30-12-73	31-12-73	01-74	2-74	28-2-74
		ACTUAL 12-10-73	NA	17-01-74	19-8-74	27-9-74	9-10-74	7-10-74
C-8C	SITE DEVELOPMENT - CIVIL	SCHEDULE 31-12-73	NA	30-01-74	31-01-74	2-74	3-74	25-3-74
		ACTUAL 30-11-73	NA	17-01-74	19-8-74	1-10-74	5-10-74	12-10-74
C-8C	SITE DEVELOPMENT - MECHANICAL	SCHEDULE 31-12-73	NA	30-01-74	31-01-74	2-74	3-74	25-3-74
		ACTUAL 30-11-73	NA	17-01-74	19-8-74	1-10-74	5-10-74	12-10-74
C-8D	SUBMARINE OIL PIPELINE	SCHEDULE 1-4-75	NA	1-5-75	3-6-75	29-7-75	8-75	9-75
		ACTUAL 2-5-75	NA	—	12-8-75	3-5-76	17-7-76	8-2-77
C-8E	PILES AND PILE CAPS SUBMARINE OIL INSTALLATION	SCHEDULE —	NA	—	12-7-77	2-8-77	9-8-77	14-8-77
		ACTUAL —	NA	—	12-7-77	2-8-77	5-8-77	20-8-77

NA - NOT APPLICABLE

BLACK & VEATCH INTERNATIONAL ANNAS CITY MISSOURI USA	JAKARTA INDONESIA	UNITED STATES OF AMERICA AID LOAN 497-R-024	PROJECT 6104
PERUSAHAAN UMUM LISTRIK NEGARA AGENCY OF MINISTRY OF PUBLIC WORKS AND POWER GOVERNMENT OF REPUBLIC OF INDONESIA KONTRAK (2-500) SEMANGI STEAM POWER PLANT UNITS 1 & 2		PROGRESS SCHEDULE SPECIFICATION PROCUREMENT	PS-1 SHEET 2 OF 2

SPEC NO.	WORK ITEM	SUPPLIER	CONTRACT REFERENCE		BANK INDONESIA LETTER OF CREDIT			U.S. DOLLAR AMOUNT OF		U.S. AID LETTER OF COMMITMENT	
			NO.	DATE	NO.	DATE	VALID TO	CONTRACT	LETTER OF CREDIT	NO.	AMOUNT
	MECHANICAL										
M-10A	Turbine Generator	General Electric Company	PJ.086 / PST / 74	28-6-1974	0103 / 2972 / PL	9-9-1974	30-9-1979	4,883,196	4,883,196	497-M-02402	4,902,510
M-12A	Condensers	Southwestern Engineering Co.	PJ.106 / PST / 74	20-7-1974	0103 / 3058 / PL	5-11-1974	1-2-1979	788,010	788,010	497-M-02403	787,000
M-12A	Circulating Water Pumps	Bingham-Willamette Co.	PJ.104 / PST / 74	10-7-1974	0103 / 3074 / PL	7-11-1974	1-10-1979	593,000	593,000	497-M-02407	695,700
M-12A	Travelling Screens	FMC Corporation	PJ.117 / PST / 74	26-7-1974	0103 / 3059 / PL	5-11-1974	1-10-1978	130,287.33	130,287.33	497-M-02409	130,894
M-12B	Desalination Equipment	Riley-Beard Inc.	PJ.101 / PST / 74	10-7-1974	0103 / 3072 / PL	7-11-1974	1-6-1979	381,500	381,500	497-M-02402	383,400
M-12B	Heat Exchangers	Struthers Wells Corp.	PJ.102 / PST / 74	10-7-1974	0103 / 3108 / PL	30-11-1974	1-10-1978	758,807	758,807	497-M-02406	762,100
M-26A	Boiler Feed Pumps	Bingham-Willamette Co.	PJ.100 / PST / 74	10-7-1974	0103 / 3073 / PL	7-11-1974	1-3-1978	583,406	583,406	497-M-02408	585,600
M-26A	Auxiliary Pumps	Worthington Sales Co.	PJ.118 / PST / 74	26-7-1974	0103 / 3060 / PL	5-11-1974	1-4-1979	165,957	165,957	497-M-02411	166,776
M-34A	Steam Generators	Foster Wheeler Corp.	PJ.096 / PST / 74	29-6-1974	0103 / 3024 / PL	7-10-1974	1-10-1978	4,166,950	4,166,950	497-M-02405	4,207,054
	ELECTRICAL										
E-10A	Electrical Equipment	General Electric Company	PJ.087 / PST / 74	28-6-1974	0103 / 2973 / PL	9-9-1974	1-1-1979	3,127,262	3,127,262	497-M-02404	3,184,988
K-2A	Control & Instrument Equipment	Bailey Meter Company	PJ.094 / PST / 74	28-6-1974	0103 / 2974 / PL	9-9-1974	1-12-1978	610,640	610,640	497-M-02403	610,667

BLACK & VEATCH INTERNATIONAL
 KANSAS CITY, MISSOURI USA
 PERUSAHAAN UMUM LISTRIK NEGARA
 AGENCY OF MINISTRY OF PUBLIC WORKS AND POWER
 GOVERNMENT OF REPUBLIC OF INDONESIA
 100MW (2x 50MW) SEMARANG STEAM POWER PLANT UNITS 1 AND 2
 JAKARTA, INDONESIA

UNITED STATES OF AMERICA
 AID LOAN 497-M-024
 GENERAL INFORMATION
 CONTRACTS AND LETTERS OF CREDIT

PROJECT
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SPEC. NO.	WORK ITEM	SUPPLIER	CONTRACT REFERENCE		BANK INDONESIA LETTER OF CREDIT			U.S. DOLLAR AMOUNT OF		U.S. AID LETTER OF COMMITMENT	
			NO.	DATE	NO.	DATE	VALID TO	CONTRACT	LETTER OF CREDIT	NO.	AMOUNT
	STRUCTURAL										
S-10A	Turbine Room Crane	Dresser Industries Inc.	PJ.103 / PST / 74	10-7-1974	0103/3061/ PL	6-11-1974	1-7-1977	188,226,95	180,500	497-H-02413	188,200
S-10B	Hoist And Derrick	D.C. Mesner Asso.	PJ.161 / PST / 74	24-9-1974	0103/3088	12-11-1974	7-1-1978	332,079	332,079		
S-20A	Fabr. Steel, Sheet Piling, Reinforcing Steel	Bristol Steel & Iron	PJ.188 / PST / 74	2-11-1974	0103/3087	12-11-1974	30-6-1976	1,905,758	1,905,758		
	GENERAL CONSTRUCTION										
C-8H	General, Mechanical And Electrical Construction	MWK-B International Ltd. Inc. And EE. Black Ltd (MWK-B)	PJ.191 / PST / 75	13-9-1975	0103/3625	15-10-1975	7-10-1979	15,227,118	15,227,118		
	ENGINEERING										
	Design, Procurement, Construction, Management And Training	Black & Veatch International	PJ.081 / PST / 72	23-9-1972	0103/2109/ PL	23-1-1973	3-11-1977	3,062,984	3,062,984	497-H-02401	3,062,000
	MISCELLANEOUS										
C-8D	Submarine Oil Pipeline	Bouygues Offshore	PJ.009 / PST / 77	8-2-1977	0103/5252/EC	15-4-1977	30-4-1979	F.F. 41,480,501			
	NOTES:										

BLACK & VEATCH INTERNATIONAL
KANSAS CITY, MISSOURI, USA

PERUSAHAAN UMUM LISTRIK NEGARA
AGENCY OF MINISTRY OF PUBLIC WORKS AND POWER
GOVERNMENT OF REPUBLIC OF INDONESIA

100MW (2x50MW) SEMARANG STEAM POWER PLANT UNITS 1 AND 2

UNITED STATES OF AMERICA
AID LOAN 497-H-024

GENERAL INFORMATION
CONTRACTS AND LETTERS OF CREDIT

PROJECT
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SPEC NO.	WORK ITEM	ESTIMATED COSTS		COMMITMENTS			FORECAST OF DISBURSEMENT																																	
		ORIGINAL	REVISED	PREVIOUS TOTAL	REPORT PERIOD	TOTAL	1973	1974	PLN FISCAL 1975				PLN FISCAL 1976				PLN FISCAL 1977				1978																			
									1	2	3	4	1	2	3	4	1	2	3	4	1	2																		
									CALENDAR 1975				CALENDAR 1976				CALENDAR 1977				CALENDAR 1978																			
1	2	3	4	1	2	3	4	1	2	3	4	1	2																											
	MAJOR EQPT-AID CONTRACTS																																							
M-10A	TURBINE GEN & AUX	42245	4883.2	—	—	—								18737	2555.1																									
M-12A	CONDENSERS & AUX	985.8	788.1	306.9	202.4	509.4		1023	1023	1023	2025	2025						80																		227.2	227.2			
M-12A	CIRC WATER PUMPS	—	693.0	190.5	190.5	381.0			95.3	95.3	190.4	202.5																												
M-12A	TRAVELING SCREENS	87.0	119.6	—	—	—																																		
M-12B	DESALINATION EQUIPMENT	180.0	381.5	—	—	—																																		
M-12B	HEAT EXCHANGERS	51.40	758.8	—	8.60	8.60						288.4	46.8																											
M-26A	BOILER FEED PUMPS	—	583.5	216.4	72.1	288.6			144.3	72.1	72.1			220.6																										
M-26A	AUXILIARY PUMPS	396.9	166.0	—	—	—																																		
M-34A	STEAM GENERATOR	3058.0	4167.0	1026.3	1801.4	2827.7		313.1		513.1	1801.4	997.2		132.3	20.2																									
E-10A	ELECTRICAL EQUIPMENT	1727.0	3127.3	—	687.5	687.5																																		
K-2A	CONTROLS & INSTRUMENTS	527.3	585.5	—	—	—					687.5	520.6	520.6	520.6	588.1	7.8	7.7																							
S-10A	TURBINE ROOM CRANE	142.0	180.5	—	165.3	165.3						165.3																												
	MAJOR EQPT-NON AID																																							
S-10B	HOIST & DERRICK	230.0	332.1	146.0	118.0	264.0		58.4			87.6	118.0	38.8																											
S-20A	FABRICATED STEEL	813.3	1905.8	490.8	245.0	735.8					490.8	245.0		1016.3	153.7																									
	CONSTRUCTION-FOREIGN:																																							
C-8H	GENERAL CONSTRUCTION	7316.3	15227.2	—	—	—							3190.0	1520.0	2150.0	2240.0	1887.2	1230.0	440.0	170.0	1080.0	1300.0																		
C-8D	SUBMARINE OIL LINE	826.3	2541.0	—	—	—									571.7	571.7	571.7	571.7																						
	MISC SPARE PARTS	500.0	500.0	—	—	—																																		
	CONTINGENCY	1083.0	533.0	—	—	—							95.7	45.6	81.7	84.6	74.0	54.7	13.2	5.1	32.4	46.2																		
	ENGINEERING & TRAINING	3063.0	3417.7	1898.5	130.9	2029.4	600.1	1020.0	140.2	147.2	130.9	140.3	146.2	146.0	157.6	135.5	128.6	123.6	122.8	90.5	124.5	71.8																		
	TOTAL	25674.4	40890.8	4275.4	3699.1	7974.7	600.1	1685.8	482.1	1508.4	3699.1	5784.3	5780.4	7014.3	3765.0	2759.7	2012.7	592.0	547.7	1714.3	2893.1	71.8																		

ACTUAL EXPENDITURES TO DATE

FORECAST EXPENDITURES

FUNDS REQUIRED TO COMPLETE (TOTAL ALL QUARTERS)

BLACK AND VEATCH INTERNATIONAL
KANSAS CITY MISSOURI USA JAKARTA INDONESIA

UNITED STATES OF AMERICA
AID LOAN 497-H-024

PROJECT
8104

PERUSAHAAN UMUM LISTRIK NEGARA
AGENCY OF MINISTRY OF PUBLIC WORKS AND POWER
GOVERNMENT OF REPUBLIC OF INDONESIA
SEMARANG STEAM POWER PLANT

100 MW (2-50 MW) UNITS 1&2

FINANCIAL PLAN AND CASH FLOW
US DOLLARS (THOUSANDS)

THROUGH QUARTER ENDED 30 SEP 75

DRAWING
DF-1

DESCRIPTION	ORIGINAL CONTRACT BUDGET 23-12-72	REVISED CONTRACT BUDGET WITH SCOPE CHANGES 12-7-77	ACTUAL COSTS THROUGH 31 MAR 77	FORECAST OF DISBURSEMENTS												
				CALENDAR YEAR 1977			CALENDAR YEAR 1978			CALENDAR YEAR 1979			CALENDAR YEAR 1980			
				2	3	4	1	2	3	4	1	2	3	4	1	2
				FISCAL YEAR 1977			FISCAL YEAR 1978			FISCAL YEAR 1979			FISCAL YEAR 1980			
				1	2	3	4	1	2	3	4	1	2	3	4	1
OVERSEAS SALARY	1,062,042	1,206,907	562,459	90,982	97,076	104,143	102,027	94,657	99,575	101,913	74,820	50,273	-	-	-	-
HOME OFFICE SALARY	1,160,372	1,669,677	1,614,512	16,373	10,651	9,268	1,773	3,222	7,751	2,500	3,627	-	-	-	-	-
TRAVEL AND PER DIEM	146,020	85,113	58,778	4,230	1,308	276	5,300	2,767	2,548	-	-	-	-	-	-	-
TRANSPORTATION	91,390	117,902	49,881	9,341	6,392	2,264	12,918	717	1,110	-	-	-	-	-	-	-
OTHER DIRECT COSTS	35,500	164,642	156,142	2,287	1,757	1,318	1,798	2,007	2,298	-	-	-	-	-	-	-
TRAINING	105,660	198,847	196,145	2,702	-	-	-	-	-	-	-	-	-	-	-	-
FIXED FEE	462,000	582,900	381,600	10,260	10,260	10,260	3,420	-	-	-	167,100	-	-	-	-	-
TOTAL	3,062,984	4,025,988	3,019,517	136,175	127,444	127,529	127,236	103,370	113,282	104,413	245,547	50,273	-	-	-	-
ACCUMULATING TOTAL				3,155,692	3,283,126	3,410,665	3,537,901	3,641,271	3,754,553	3,858,966	4,104,513	4,154,786	-	-	-	-

1/27/78	REVISED	4	GJH	BLACK & VEATCH INTERNATIONAL KANSAS CITY, MISSOURI USA JAKARTA INDONESIA PERUSAHAAN UMUM LISTRIK NEGARA AGENCY OF MINISTRY OF PUBLIC WORKS AND POWER GOVERNMENT OF REPUBLIC OF INDONESIA 100 MW (2-50 MW) SEMARANG STEAM POWER PLANT UNITS 1 & 2	UNITED STATES OF AMERICA US/AID LOAN 497-N-028 CASH FLOW IN US DOLLARS ENGINEERING, CONSTRUCTION MANAGEMENT AND TRAINING	PROJECT 6104 DRAWING DF-2
5/23/77	REVISED	2	GJH			
6/2/78	4TH QUARTER CY 75	1	LFS			
6/8/75	INITIAL ISSUE	0	WFV			
DATE	REVISOR OR ISSUE	NO.	BY			

DESCRIPTION	ORIGINAL CONTRACT BUDGET	REVISED CONTRACT BUDGET WITH SCOPE CHANGES 12-7-77	ACTUAL COSTS THROUGH 31 MAR 75	ACTUAL DISBURSEMENTS																	
				CALENDAR YEAR 1975				CALENDAR YEAR 1976				CALENDAR YEAR 1977				CALENDAR YEAR 1978				CALENDAR YEAR 1979	
				2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	
				FISCAL YEAR 1975				FISCAL YEAR 1976				FISCAL YEAR 1977				FISCAL YEAR 1978				FISCAL 1979	
				1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	
OVERSEAS SALARY	1,207,546	1,206,907	185,589	33,147	33,560	37,230	51,741	*58,431	48,515	53,379	60,867	90,982	97,076	104,143	102,027	94,457	88,575				
HOME OFFICE SALARY	1,014,868	1,669,677	1,156,657	79,786	65,818	67,774	71,626	*74,421	41,511	35,089	21,830	16,373	10,651	9,268	1,773	3,222	7,761				
TRAVEL AND PER DIEM	146,020	85,113	40,954	2,700	428	235	2,699	-	8,443	(248)	3,567	4,230	1,308	276	5,300	2,767	2,540				
TRANSPORTATION	91,390	117,902	18,608	4,033	(2)	9,296	1,193	7,151	1,024	4,784	3,794	9,341	6,392	2,264	12,918	717	1,118				
OTHER DIRECT COSTS	35,500	164,642	84,873	10,798	14,382	8,897	5,097	8,213	9,692	8,991	5,199	2,287	1,757	1,318	1,794	2,007	2,288				
TRAINING	105,660	198,847	-	-	-	-	-	50,160	61,060	74,770	10,155	2,702	-	-	-	-	-				
FIXED FEE	462,000	582,900	264,600	16,740	16,740	16,740	16,740	16,740	12,600	10,440	10,260	10,260	10,260	3,420	-	-	-				
TOTAL	3,062,984	4,025,988	1,751,281	147,204	130,926	140,172	149,096	215,116	182,845	187,205	115,672	136,175	127,444	127,529	127,236	103,370	118,282				
ACCUMULATING TOTAL				1,828,485	2,029,411	2,169,583	2,318,679	2,533,795	2,716,640	2,903,845	3,019,517	3,155,692	3,283,136	3,410,665	3,537,901	3,641,271	3,784,563				

*INCLUDES ADJUSTMENT IN OVERHEAD RATE USED IN 1975 THROUGH FIRST QUARTER OF FISCAL YEAR 1976.

10/3/76	REVISED	11	GJR	BLACK & VEATCH INTERNATIONAL KANSAS CITY, MISSOURI USA JAKARTA INDONESIA PERUSAHAAN UMUM LISTRIK PEGARA AGENCY OF MINISTRY OF PUBLIC WORKS AND POWER GOVERNMENT OF REPUBLIC OF INDONESIA 100 MW '2-50 MW: SEMARANG STEAM POWER PLANT UNITS 1 & 2	UNITED STATES OF AMERICA US/AID LOAN 897-N-024	PROJECT 6104
8/14/76	REVISED	10	GJK			
6/6/75	INITIAL ISSUE	0	WVY			
DATE	REVISION OR ISSUE	NO.	BY			
				CASH FLOW IN US DOLLARS ENGINEERING, CONSTRUCTION MANAGEMENT AND TRAINING		DRAWING DF-2A

SEMARANG STEAM POWER PLANT 100 MW (2 - 50 MW EACH)
UNITS 1 & 2 ESTIMATED FINAL COSTS

86V PROJECT 6104

SPEC. NO.	ITEM	FOREIGN EXCHANGE EXPENDITURES (USA \$)					INDONESIAN RUPIAH EXPENDITURES					TOTAL PROJECT COST (USA \$)	
		EQUIPMENT & MATERIAL	SERVICE	FREIGHT & INSURANCE	ERECTION	SUBTOTAL COST	EQUIPMENT, MATERIAL, & ERECTION (Rp)	SERVICE (Rp)	CONTRACT ADM. EXP. (Rp)	SUBTOTAL COST (Rp)	SUBTOTAL COST (USA \$)		
MAJOR EQUIPMENT - AID CONTRACTS													
M-10A	TURB. GENERATORS & AUX.	4,824,566	-	INCLUDED	-	4,824,566	-	-	2,028,600	2,028,600	4,900	4,829,466	
M-12A-1	CONDENSERS & AUX.	779,784	8,000	WITH	-	787,784	-	400,000	327,700	727,700	1,800	789,584	
M-12A-2	CIRC. WATER PUMPS	666,858	22,000	EQUIP.	-	688,858	-	1,500,000	289,400	1,789,400	4,300	693,158	
M-12A-3	TRAVELING SCREENS	130,287	-	-	-	130,287	-	-	49,700	49,700	100	130,387	
M-12B-1	DESALINATION EQUIPMENT	360,700	15,000	-	-	375,700	-	-	1,660,000	1,660,000	4,000	379,700	
M-12B-2	HEAT EXCHANGERS	630,371	-	-	-	630,371	-	1,500,000	160,000	1,660,000	4,000	634,371	
M-26A-1	BOILER FEED PUMPS	578,479	23,000	-	-	601,479	-	-	315,200	315,200	800	602,279	
M-26A-2	AUXILIARY PUMPS	160,233	-	-	-	160,233	1,600,000	244,000	1,844,000	4,400	164,633		
M-34A	STEAM GENERATORS	4,116,696	-	-	-	4,116,696	-	69,000	69,000	200	4,116,896		
E-10A	ELECTRICAL EQUIPMENT	3,107,925	23,000	-	-	3,130,925	-	1,731,000	1,731,000	4,200	3,135,125		
K-2A	CONTR. & INSTRUMENTS	551,936	35,000	-	-	586,936	-	1,620,000	1,300,700	2,920,700	7,000	593,936	
S-10A	TURBINE ROOM CRANE	180,227	8,000	-	-	188,227	-	1,560,000	244,800	1,804,800	4,300	192,527	
	SUBTOTAL	16,088,062	134,000	-	-	16,222,062	-	8,930,000	6,935,800	15,765,800	38,000	16,260,062	
MAJOR EQUIPMENT - NON AID CONTRACTS													
S-10B	HOIST & DERRICK	339,108	-	-	-	339,108	-	-	137,900	137,900	300	339,408	
S-20A	FABRICATED STEEL	1,759,218	-	-	-	1,759,218	-	-	791,700	791,700	1,900	1,761,118	
	MISC. (INCL. SPARE PARTS)	500,000	-	-	-	500,000	-	-	-	-	-	500,000	
	SUBTOTAL	2,598,326	-	-	-	2,598,326	-	-	929,600	929,600	2,200	2,600,526	
	TOTAL EQUIPMENT COST	18,686,388	134,000	-	-	18,820,388	-	8,930,000	7,765,400	16,695,400	40,200	18,840,588	
CONSTRUCTION FOREIGN													
C-8H	GENERAL CONSTRUCTION	8,761,204	-	-	6,860,701	15,621,905	1,903,979,000	-	-	1,903,979,000	4,587,900	20,280,805	
C-8D	SUBMARINE OIL PIPELINE	3,199,000	-	400,000	5,149,000	8,748,000	418,284,500	-	-	418,284,500	1,007,900	9,755,900	
	SUBTOTAL	11,960,204	-	400,000	12,009,701	24,369,905	2,322,263,500	-	-	2,322,263,500	5,595,800	29,965,705	
CONSTRUCTION LOCAL													
C-8A	SITE FILE	-	-	-	-	-	572,092,000	-	-	572,092,000	1,378,600	1,378,600	
C-8B	PILE & PILE CAPS	-	-	-	-	-	2,637,706,100	-	-	2,637,706,100	6,355,900	6,358,900	
C-8E	PILE & PILE CAPS (SUBM. P/L)	-	-	-	-	-	161,112,000	-	-	161,112,000	387,300	161,500	
C-8C	SITE DEVELOP. - CIVIL	-	-	-	-	-	1,479,805,000	-	-	1,479,805,000	3,565,900	1,483,370	
	MECH.	-	-	-	-	-	611,981,400	-	-	611,981,400	1,474,700	613,456	
	SUBTOTAL	-	-	-	-	-	5,462,696,500	-	-	5,462,696,500	13,162,300	5,475,858	
	TOTAL CONSTRUCTION COST	11,960,204	-	-	12,009,701	24,369,905	7,784,960,000	-	-	7,784,960,000	18,758,100	29,128,005	
	SUBTOTAL PROJECT COST	30,646,592	134,000	400,000	12,009,701	43,190,293	7,784,960,000	8,930,000	7,765,400	7,801,655,400	18,796,300	61,986,593	
	CONTINGENCY	335,000	-	-	241,000	576,000	224,508,000	-	-	224,508,000	541,000	1,117,000	
	ENGINEERING & TRAINING	-	-	-	3,889,500	3,889,500	56,647,000	-	-	56,647,000	136,500	4,026,000	
	TOTAL PROJECT COST (USA \$)	30,981,592	134,000	400,000	16,140,201	47,655,793	8,066,115,000	8,930,000	7,765,400	8,082,710,400	19,475,800	67,121,593	
	TOTAL PROJECT COST (Rp)	(415 Rp = 1\$)						8,066,115,000	8,930,000	7,765,400	8,082,710,400		REVISOR 11-6-78
												23-8-78	
												6-11-78	

DF-3 OVERALL PROJECT ESTIMATE

FILE NO	DESCRIPTION	1975												1976												1977												1978											
		J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D
	TRAINING IN US IN KANSAS CITY IN BLUE VALLEY MANUFACTURERS PLANTS																																																
	TRAINING IN INDONESIA PLN SEMARANG ON SITE UNIT 1 START UP UNIT 2 START UP																																																
	OPERATION OPERATION AND MAINTENANCE - MANUALS TESTING SYSTEMS COMMERCIAL OPERATION PERFORMANCE TESTS																																																

UNIT 1
INITIAL OPERATION

UNIT 1
COMMERCIAL OPERATION

UNIT 2
INITIAL OPERATION

UNIT 2
COMMERCIAL OPERATION

INITIAL OPERATION
SUBLOOPS

10 OCT 77	REVISED SEPTEMBER 1977	3	
DATE	REVISION AND ISSUE	NO	BY


LEGEND:

1) EFFECTIVE DATE OF CONTRACT - LETTER OF CREDIT
ESTABLISHED 24 JANUARY 1973

UNIT 1 - _____

UNIT 2 - - - - -

BLACK & VEATCH
CONSULTING ENGINEERS



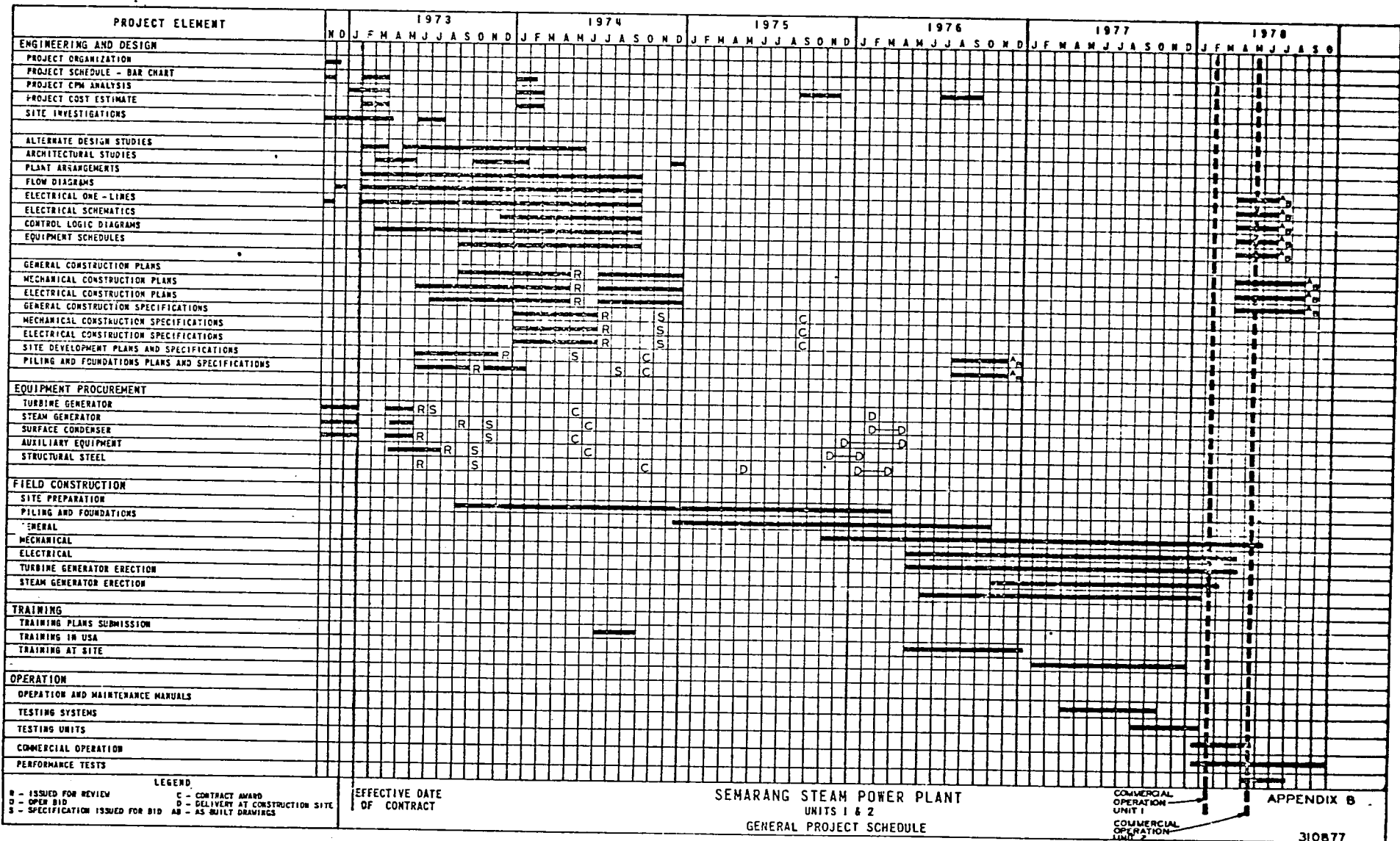
PROJECT
6104

SEMARANG STEAM POWER PLANT
SEMARANG HARBOR, INDONESIA

SDMW UNITS UNITS 1 & 2

PROJECT SCHEDULE
TRAINING AND OPERATION

F 1001

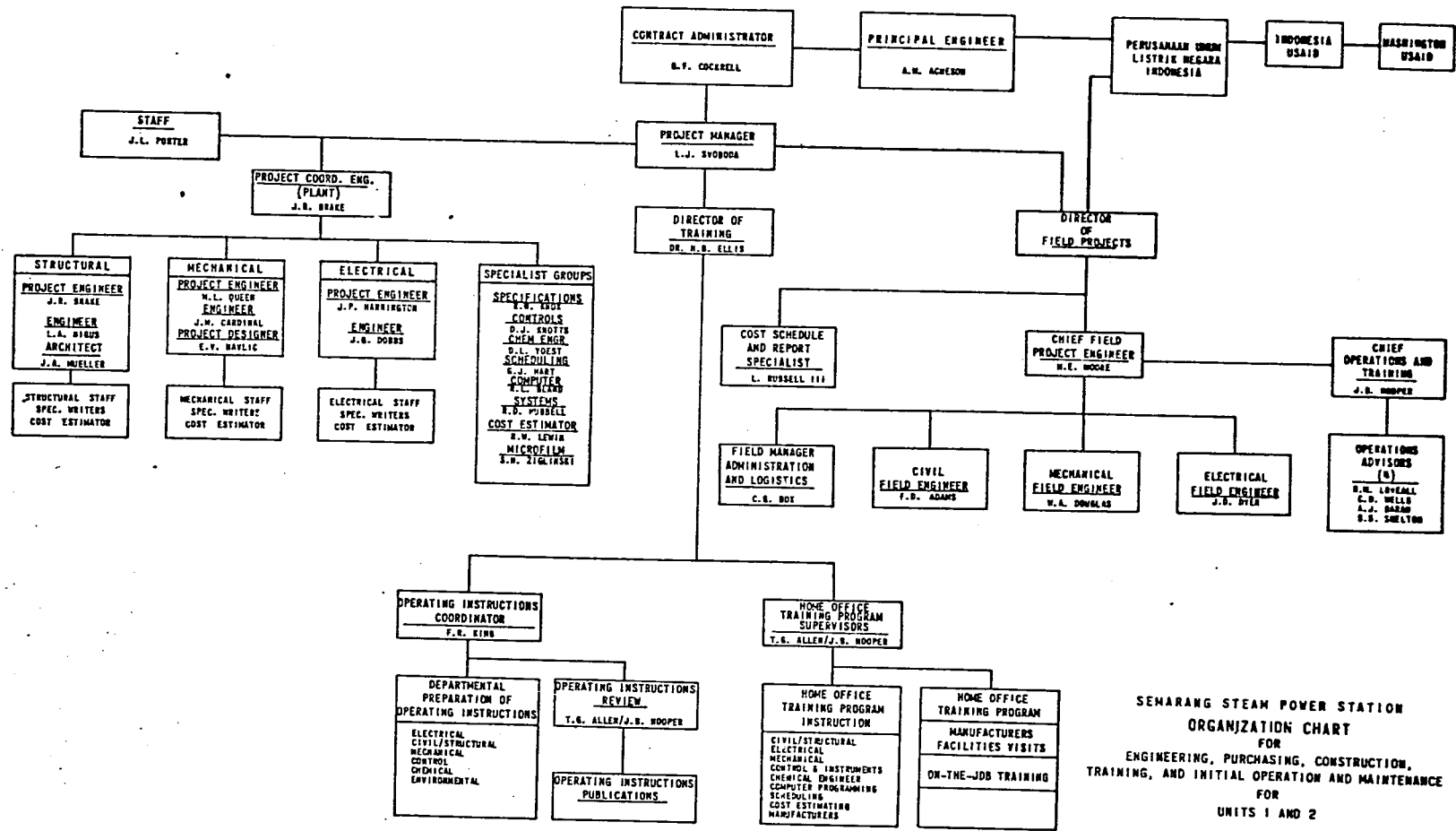


LEGEND
 R - ISSUED FOR REVIEW
 D - OPEN BID
 S - SPECIFICATION ISSUED FOR BID
 C - CONTRACT AWARD
 D - DELIVERY AT CONSTRUCTION SITE
 AB - AS BUILT DRAWINGS

EFFECTIVE DATE OF CONTRACT

SEMARANG STEAM POWER PLANT
 UNITS 1 & 2
 GENERAL PROJECT SCHEDULE

COMMERCIAL OPERATION UNIT 1
 COMMERCIAL OPERATION UNIT 2
 APPENDIX B



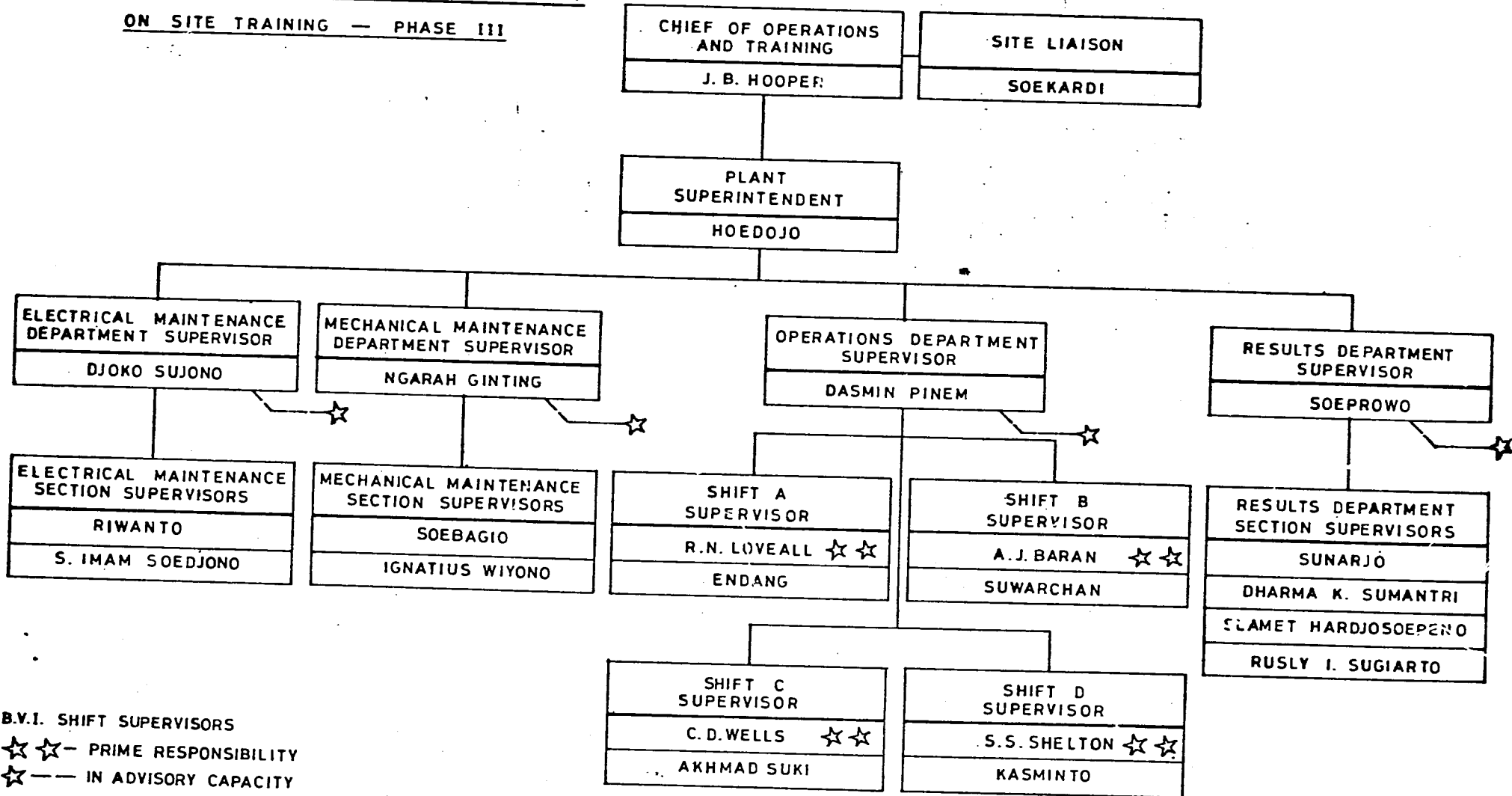
SEMARANG STEAM POWER STATION
 ORGANIZATION CHART
 FOR
 ENGINEERING, PURCHASING, CONSTRUCTION,
 TRAINING, AND INITIAL OPERATION AND MAINTENANCE
 FOR
 UNITS 1 AND 2

BLACK & VEATCH INTERNATIONAL
 CONSULTING ENGINEERS

19 APR 78
 9 FEB 78
 5 OCT 77
 31 JAN 77
 2 AUG 78

**ORGANIZATION CHART
FOR
SEMARANG STEAM POWER PLANT**

ON SITE TRAINING — PHASE III

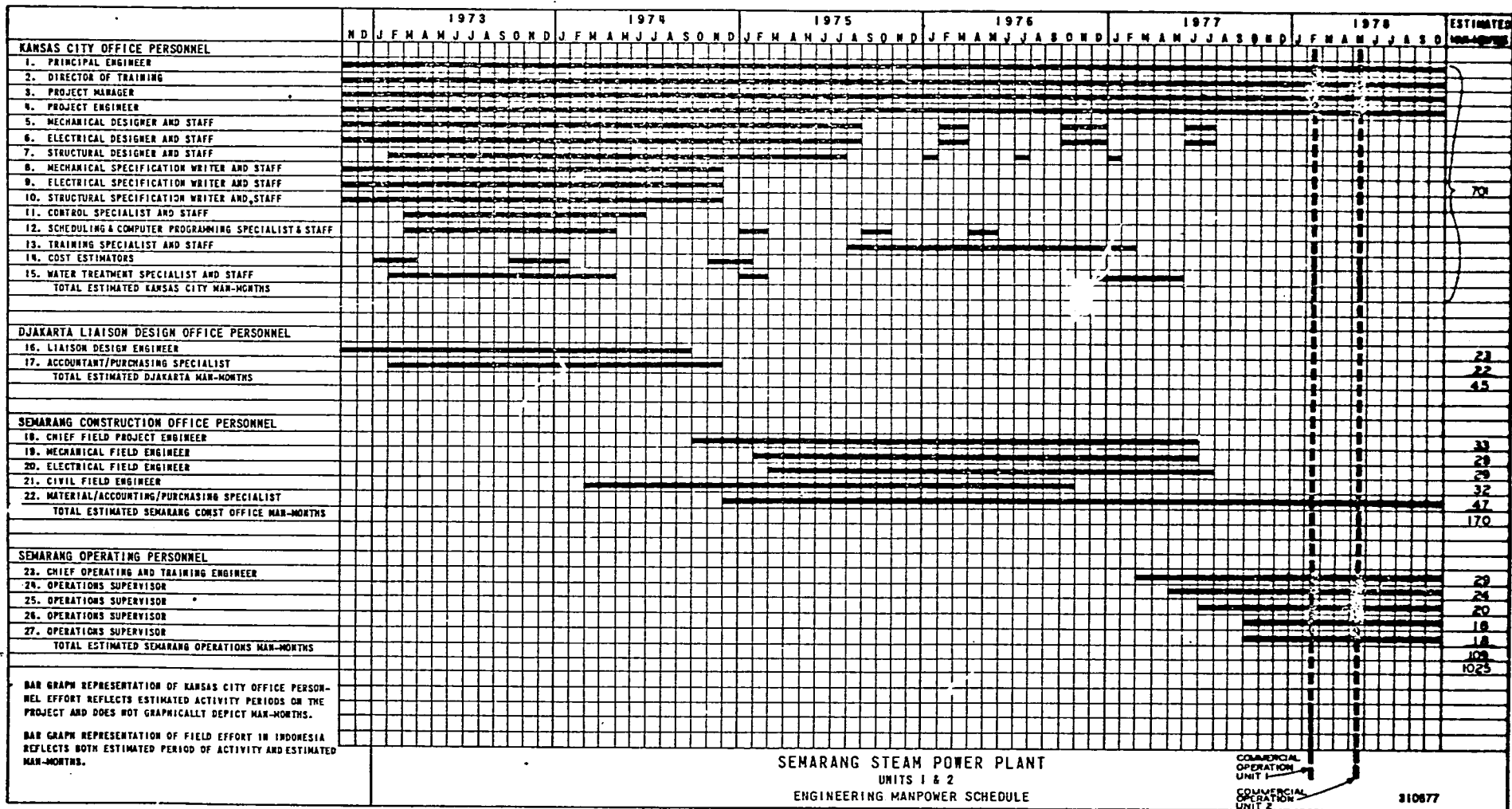


B.V.I. SHIFT SUPERVISORS

☆☆ — PRIME RESPONSIBILITY

☆ — IN ADVISORY CAPACITY

14 NOVEMBER 1977



SPEC NO.	DESCRIPTION OF MATERIAL	NAME OF VESSEL AND FLAG	BRL OF LADING NO. & DATE	PORT OF EXIT	GROSS WEIGHT LONG TONS	ARRIVAL DATE SEMARANG	DATE DELIVERED AT SITE	INVOICE NO. AND DATE	F.A.S VALUE OF CARGO US \$	TOTAL CLF VALUE	COST OF OCEAN FREIGHT		
											A.I.D FUNDS US \$	OTHER FUNDS US \$	
C-8D	115 ea - 18" Pipes 4 ea - 16" Pipes for Main Line 122 ea - Pipes for Flushing Line	SS. Ever Tough	1502 16 Jan '78	Singapore	354.51	23 Jan'78	21 Feb'78	SMG-1001 7 Dec'77	-	282,299.75	-	-	
	1 Drum 27 Cs 20 Bxs 21 Blks 3 Cont. 5 Pits Plant Materials	M/S Asahan	3 19 Jan'78	Le Havre French.	168.270	14 Feb'78	9 Mar'78	SMG-1002 to SMG-1003 and SMG-1005 to SMG-1020 4 Jan'78	-	1,504.053.80	-	-	
C-8D	2 Cs Transformer 1 Cs Thermometers 2 Trts) Elect. Cable 1 Cs 1 Cs Elect. Cable for Cath.	M/S. Missisipi	3	Le Havre French	4.79			SMG-1021, SMG-1022, 9 Feb'78 SMG-1023 SMG-1004 4 Jan'78	-	18,772.61	-	-	
C-8D	436-18" Pipe. 410-10" Pipe 4 Mooring Buoys & Access 4 Anchors 1 Box. Access	Beauty Marine Brunei Brunei	SH-3 17 Mar'78 SH-1 17 Mar'78 SH-2 17 Mar'78	Singapore) Singapore	1,808.690 57.650	30 Mar'78	26 Apr'78	SMG-1025 9 Mar'78 SMG-1026 9 Mar'78	-	1,243.518.40	-	-	
C-8D	140 - Concrete coated Pipe 18" Ø 165 - ditto 10" Ø 1 Ctn 1 Unit Float Type Level Gage 1 Ctn Tranceiver w/ Access 475 Ctns Plasto Joint 30 Coils Iron Strip 83 Bxs Electrodes 144 Bcls LPG Gas	Brooktor	BOS-1 7 Apr'78	Singapore	613.77 0.04 0.05 8.12 10.58	15 Apr'78	20 Apr'78	SMG-1024 9 Mar'78 SMG-1027 9 Mar'78 SMG-1032 4 Apr'78 SMG-1028 16 Mar'78 SMG-1029 1 Apr'78	-	259,154.73 129,173.33 1,039.86 5,663.94 99,664.53 19,468.36	-	-	
									- * - Contract financed in French currency. Amount converted into US.\$ FF.1 = US.\$ 0,212217. (Exchange per 1 Feb 1978.				
VENDOR : Bouygues Offshore EQUIPMENT : Submarine Oil Pipeline CONTRACT NO. : Pj.009/PST/77 LETTER OF CREDIT NO. : 0103/5252/EC				BLACK & VEATCH INTERNATIONAL KANSAAS CITY, MISSOURI USA PERUSAHAAN UMUM LISTRIK NEGARA AGENCY OF MINISTRY OF PUBLIC WORKS AND POWER GOVERNMENT OF REPUBLIC OF INDONESIA SEMARANG STEAM POWER PLANT 1991AM (2 x 50MW)				UNITED STATES OF AMERICA AID LOAN 497 - M - C24 SHIPPING STATEMENT CUMULATIVE				PROJECT 6104 DRAWING SS-1	

SPEC NO.	DESCRIPTION OF MATERIAL	NAME OF VESSEL AND FLAG	BILL OF LADING NO & DATE	PORT OF EXIT	GROSS WEIGHT LONG TONS	ARRIVAL DATE SEMARANG	DATE DELIVERED AT SITE	INVOICE NO AND DATE	F A S VALUE OF CARGO US \$	TOTAL CIF VALUE	COST OF OCEAN FREIGHT		
											A.I.D. FUNDS US \$	OTHER FUNDS US \$	
C-8D	Control Panel	U.T.A.	142-54611325	Paris	0.66		14 Apr '78	SMG-1034 4 Apr '78		35,079.	-	-	
C-8D	1 Cs Reduction Flanges	Gaugin	17 8 May '78	Le Havre	0.36			SMG-1037 30 Apr '78		1,167.	-	-	
C-8D	2 Cs Electrical Equipment	SS. Indra Jaya Ind. Flag	SMR-20 30 Jun '78	Singapore	1.38			SMG-1041 2 May '78		25,406.62	-	-	
C-8D	3 Figs Flame Arrester 4 Sets batteries	SS. Indrajaya	SMR-21 16 Oct '78	Singapore				SMG-1042 2 Oct '78 SMG-1043 2 Oct '78		1,225.31 No charge	-	-	
<p>VENDOR : BOUYGUES OFFSHORE S.A.</p> <p>EQUIPMENT : Submarine Oil Pipeline</p> <p>CONTRACT NO. : PJ.009/PST/77</p> <p>LETTER OF CREDIT NO. : 0103/5252/EC</p>													
<p>BLACK & VEATCH INTERNATIONAL KANSAS CITY, MISSOURI USA</p>						<p>JAKARTA, INDONESIA</p>			<p>UNITED STATES OF AMERICA A.I.D. LOAN 497 - H - C24</p>			<p>PROJECT 6104</p>	
<p>PERUSAHAAN UMUM LISTRIK NEGARA AGENCY OF MINISTRY OF PUBLIC WORKS AND POWER GOVERNMENT OF REPUBLIC OF INDONESIA SEMARANG STEAM POWER PLANT 100MW (2 x 50MW)</p>						<p>SHIPPING STATEMENT CUMULATIVE</p>			<p>DRAWING SS-1</p>				

SPEC. NO.	DESCRIPTION OF MATERIAL	NAME OF VESSEL AND FLAG	BILL OF LADING NO. & DATE	PORT OF EXIT	GROSS WEIGHT LONG TONS	ARRIVAL DATE SEMARANG	DATE DELIVERED AT SITE	INVOICE NO. AND DATE	F A S VALUE OF CARGO US \$	TOTAL C I F VALUE	COST OF OCEAN FREIGHT		
											AID FUNDS US \$	OTHER FUNDS US \$	
C-8H	Plant Equipment, Tools & Spare Pts.	SS.Hawaii	LA/SEM-1 29 Nov '75	Long Beach U.S.A.	166.58	12 Dec '75	6 Feb '76	SEPE-1001 5 Dec '75	148,404.70	169,090.00	0	19,734.21	
C-8H	Plant Equipment & Material	SS.Korean Mail	Z226 12 Dec '75	Seattle U.S.A.	21.30	4 Mar '76	17 Mar '76	SEPE-1002 17 Dec '75	69,300.81	73,614.00	0	3,932.24	
C-8H	Plant Equipment & Material	SS.Svenbr Maersk	SFO-F-017 12 Dec '75	Oakland U.S.A.	13.40	21 Feb '76	22 Mar '76	SEPE-1003 22 Dec '75	26,700.62	30,569.00	0	3,710.19	
C-8H	Plant Equip.-283 Bdl.Reinf.Bars " " " "	SS.Bennet Breeze	304 305 18 Dec '75	Osaka Japan	594.40	14 Jan '76	16 Feb '76	SEPE-1005 29 Dec '75	117,031.21	139,600.00	0	21,846.36	
C-8H	Plant Equip.-900 Pkt(27,000 Bgs) Cements	SS.Sangkulirang	URSE-1 10 Dec '75	Ube Japan	602.68	16 Jan '76	23 Jan '76	SEPE-1004 22 Dec '75	142,115.54	184,244.00	0	41,175.00	
C-8H	Plant Equipment & Material	SS.Mc Kinney Mrsk.	SFO-F-130 9 Jan '76	Oakland U.S.A.	12.42	21 Feb '76	24 Mar '76	SEPE-1006 15 Jan '76	24,720.48	27,000.00	0	2,125.82	
C-8H	Plant Equip.-43 Bdl. Steel Beams	SS.Albert Mrsk.	SFO-F-150 23 Jan '76	Oakland U.S.A.		17 Mar '76		SEPE-1007 29 Jan '76	38,369.12	44,850.00	0	6,248.78	
C-8H	Contr.Tools & Equip.-100 Sheets	SS.Seanaco II	MS-3 10 Jan '76	Manila Philippine	24.60	16 Feb '76	27 Jul '76	SEPE-1009 17 Feb '76	10,691.30	19,800.00	0	8,463.20	
C-8H	Plant Equipment & Material	SS.Adrian Mrsk.	SFO-F-150 6 Feb '76	Oakland U.S.A.	46.97	22 Mar '76	31 Mar '76	SEPE-1008 11 Feb '76	42,321.16	47,798.00	0	5,229.49	
C-8H	Plant Equipment & Material	SS.Wyoming	SF/SEM-3 14 Feb '76	San Francisco U.S.A.	269.52	11 Mar '76	14 Apr '76	SEPE-1010 25 Feb '76	345,569.69	408,100.00	0	60,418.40	
C-8H	Plant Equipment & Material	SS.Wyoming	2. 14 Feb '76	San Francisco U.S.A.	85.67	11 Mar '76	14 Apr '76	SEPE-1011 26 Feb '76	92,653.47	101,007.00	0	7,830.82	
C-8H	Plant Equipment & Material	SS.Svenborg Mrsk.	SFO-F-181 26 Feb '76	Oakland U.S.A.	3.46	11 May '76	18 Jun '76	SEPE-1012 4 Mar '76	12,237.48	13,348.00	0	1,041.43	
VENDOR : MWK INTERNATIONAL LTD., INC. AND EQUIPMENT : E. E. BLACK, LTD. CONTRACT NO. : Fj.191/PST/75 LETTER OF CREDIT NO. : 0103/3625				BLACK & VEATCH INTERNATIONAL KANSAS CITY, MISSOURI USA JAKARTA INDONESIA PERUSAHAAN UMUM LISTRIK NEGARA AGENCY OF MINISTRY OF PUBLIC WORKS AND POWER GOVERNMENT OF REPUBLIC OF INDONESIA 100 MW(2x 50MW) SEMARANG STEAM POWER PLANT UNITS 1 & 2				UNITED STATES OF AMERICA A.I.D. LOAN 497 H 024 SHIPPING STATEMENT CUMULATIVE.				PROJECT 6104 DRAWING SS-1	

SPEC. NO.	DESCRIPTION OF MATERIAL	NAME OF VESSEL AND FLAG	BILL OF LADING NO. & DATE	PORT OF EXIT	GROSS WEIGHT LONG TONS	ARRIVAL DATE SEMARANG	DATE DELIVERED AT SITE	INVOICE NO AND DATE	F.A.S VALUE OF CARGO US \$	TOTAL C.I.F VALUE	COST OF OCEAN FREIGHT	
											AID FUNDS US \$	OTHER FUNDS US \$
C-8H	Plant Equipment & Material	SS.MM Dant	2. 13 Mar '76	San Francisco U.S.A.	22.99	11 Mar '76	5-6 Apr '76	SEPE-1013 22 Mar '76	43,449.38	47,398.00	0	3,703.34
C-8H	Plant Equipment & Material	SS.MM Dant	SF/SEM-301 12 Mar '76	Seattle U.S.A.	21.40	4 Apr '76	29 Jul '76	SEPE-1014 25 Mar '76	83,394.21	93,829.00	0	9,889.85
C-8H	Plant Equipment - Insulation	SS.Adrian Maersk	SFO-Y-090 25 Mar '76	Oakland U.S.A.	2.12	27 May '76	22 Jun '76	SEPE-1015 2 Apr '76	9,122.30	12,200.00	0	3,014.56
C-8H	10 Rls Steel Concrete Rainforc. Wire 1 Bdl Steel Angle 1 Bdl Steel Beams	SS.Albert Maersk	SFO-F-211 9 Apr '76	Oakland U.S.A.	1.46 1.16 6.11	12 Jun '76	17 Jul '76	SEPE-1016 15 Apr '76	8,834.59	9,801.00	0	915.69
C-8H	80 Pkgs Doors, Steel structure, Shapes, Casting, Heater, Grinders.	SS.Oregon	1. 17 Apr '76	San Francisco U.S.A.	76.24	17 May '76	4 Jun '76	SEPE-1018 23 Apr '76	151,192.35	162,866.00	0	10,830.82
C-8H	889 Crtns Lighting Fixtures.	SS.Wyoming	601. 21 Apr '76	Seattle U.S.A.	11.04	25 Jun '76	8 Oct '76	SEPE-1017 23 Apr '76	25,992.53	33,750.00	0	7,565.33
C-8H	Plant Equipment: (A) 89 Pcs (B) 613 Pcs (C) 22 Pcs	SS.Oregon	LA/SEM-1 14 Apr '76	Long Beach U.S.A.	219.75	15 May '76	6 Jul '76	SEPE-1019 29 Apr '76	431,314.11	469,040.70	0	35,299.30
C-8H	1 Pc KD 10 Tons Crane w/End Truck 1 Pc End Truck for Crane 1 Pc Hoist 1 Loose Pc Steel Beam	SS.Svenborg Msk	BAL-B-002 21 APR '76	Baltimore U.S.A.	3.74	3 Jul '76	6 Jul '76	SEPE-1020 29 Apr '76	29,691.83	30,953.00	0	1,109.99
C-8H	550 Bags Cement 21 Pcs Fire Hydrants	SS.Svenborg Msk	SFO-F-350 3 MAY '76	Oakland U.S.A.	26.30	27 May '76	6 Jul '76	SEPE-1021 10 May '76	29,733.87	32,692.00	0	2,788.95
C-8H	1 Cont Fireglass Insulation 29 Pkgs Steel Rack, Bolt, Coupling Tape, Paint etc	SS.Svenborg Maersk	SFO-Y-070 30 APR '76	Oakland U.S.A.	8.48	27 May '76	22 Jun '76	SEPE-1022 11 May '76	23,505.46	27,287.00	0	3,640.33
VENDOR		M&K INTERNATIONAL LTD., INC. AND E.E. BLACK LTD. EQUIPMENT		BLACK & VEATCH INTERNATIONAL KANSAS CITY, MISSOURI USA		JAKARTA INDONESIA		UNITED STATES OF AMERICA A.I.D. LOAN 497 H 024		PROJECT 6104		
CONTRACT NO.		Pj.191/PST/75		PERUSAHAAN UMUM LISTRIK NEGARA AGENCY OF MINISTRY OF PUBLIC WORKS AND POWER GOVERNMENT OF REPUBLIC OF INDONESIA		SHIPPING STATEMENT CUMULATIVE		DRAWING SS-1				
LETTER OF CREDIT NO.		0103/3625		100 MW(2x 50MW) SEMARANG STEAM POWER PLANT UNITS 1 & 2								

SPEC. NO.	DESCRIPTION OF MATERIAL	NAME OF VESSEL AND FLAG	BILL OF LADING NO. & DATE	PORT OF EXIT	GROSS WEIGHT LONG-TONS	ARRIVAL DATE SEMARANG	DATE DELIVERED AT SITE	INVOICE NO. AND DATE	F.A.S VALUE OF CARGO US \$	TOTAL C.I.F VALUE	COST OF OCEAN FREIGHT		
											AID FUNDS US \$	OTHER FUNDS US \$	
C-8H	9 Cont Flat Steel Sheets, Corrugated Steel Sheets, Steel Building Panel	SS.Svenborg Msrk	SFO-Y-071	Oakland U.S.A.	145.40	27 May '76	8 Jul '76	SEPE-1023 17 May '76	243,078.78	264,100.00	0	19,654.51	
C-8H	54 Pcs Plant Equipment	SS.American Mail	WS-NE 2313 15 May '76	Seattle U.S.A.	56.09	16 Jul '76	5 Oct '76	SEPE-1024 27 May '76	192,633.80	203,085.01	0	9,400.25	
C-8H	15 Pcs Plant Equipment	SS.Pres Kennedy	WS-NE 2315 24 May '76	Seattle U.S.A.	14.26	16 Jul '76	9 Oct '76	SEPE-1025 1 Jun '76	63,272.56	65,300.00	0	1,689.51	
C-8H	1 Flat Rack Corrugated Steel Sheets # 3000280 1 Flat Rack Corrugated Steel Sheets # 30002513 28 Skids, Crates, Boxes, Bdl. Steel	SS.Adrian Maersk	SFO-396	Oakland	65.74	12 Jul '76 3 Aug '76	5 Aug '76	SEPE-1026 10 Jun '76	233,431.94	242,366.00	0	7,679.81	
C-8H	12 Drums of Daratard 8 Drums of Darex AEA	SS.Towuti	SEM-2 23 Jun '76	Hongkong	4.92	10 Jul '76	25 Aug '76	SEPE-1031 28 Jun '76	8,917.90	9,138.00	0	172.81	
C-8H	12 Crts Valves	SS.Pres Roosevelt	NY-NE 9951 18 Jun '76	New Jersey U.S.A.	7.95	8 Aug '76	31 Aug '76	SEPE-1028 24 Jun '76	38,309.41	40,016.00	0	1,149.19	
C-8H	7 Bcls Steel Angles 23 Bxs Battery System 2 Bxs Valves & Accessories 2 Bxs Steel Expansion 2 Bxs Electrical Wire 2 Rls Electrical Wire 3 Bxs Rectifiers 2 Bxs Nuts Washer, Screws 1 Box Light Fixtures 1 Box Light Fixtures & Valves 1 Box Welding Rods 1 Box Strainer 1 Box Valves	SS.Pres Truman	WS-NE 2415 11 Jun '76	Seattle U.S.A.	33.18	8 Aug '76	13 Sep '76	SEPE-1027 22 Jun '76	145,624.27	150,980.00	0	4,574.41	
C-8H	4 Bcls Lumbers	SS.Oregon U.S.A. Flag	601. 23 Jun '76	Portland U.S.A.	8.02	8 Aug '76	31 Aug '76	SEPE-1030 28 Jun '76	3,027.69	4,184.00	0	1,134.66	
VENDOR : MK INTERNATIONAL LTD., INC. AND E.E. BLACK LTD. EQUIPMENT : General Construction CONTRACT NO. : 191/PST/75 LETTER OF CREDIT NO. : 0103/3625				BLACK & VEATCH INTERNATIONAL KANSAS CITY, MISSOURI USA JAKARTA INDONESIA PERUSAHAAN UMUM LISTRIK NEGARA AGENCY OF MINISTRY OF PUBLIC WORKS AND POWER GOVERNMENT OF REPUBLIC OF INDONESIA 100 MW (2x 50 MW) SEMARANG STEAM POWER PLANT UNITS 1 & 2				UNITED STATES OF AMERICA A.I.D. LOAN 497 H 024 SHIPPING STATEMENT CUMULATIVE				PROJECT 6104 DRAWING SS-1	

SPEC. NO.	DESCRIPTION OF MATERIAL	NAME OF VESSEL AND FLAG	BILL OF LADING NO. & DATE	PORT OF EXIT	GROSS WEIGHT LONG TONS	ARRIVAL DATE SEMARANG	DATE DELIVERED AT SITE	INVOICE NO. AND DATE	F.A.S VALUE OF CARGO US \$	TOTAL C.I.F VALUE	COST OF OCEAN FREIGHT	
											AID FUNDS US \$	OTHER FUNDS US \$
C-8H	2 Bxs. Machine Lathes	SS. Pres. Monroe U.S.A. Flag	EA-NE-0030 19 June '76	Oakland U.S.A.	4.63	16 July '76	28 Aug '76	SEPE-1029 28 Jun '76	36,948.58	38,500.00	0	1,352.18
C-8H	18 Pkgs. Construction Materials	SS. Arthur Mrsk. U.S.A. Flag	SFO-F-402 2 July '76	Oakland U.S.A.	8.07	7 Aug. '76	13 Sep '76	SEPE-1032 9 July '76	41,220.40	43,375.00	0	1,930.13
C-8H	2 Bxs. Welding Rods 2 " Mtg. Nitrogen Dioxide Cyld. 2 " Pipe Fittings 1 Skid " " 2 Bxs. Pipe Caps 2 " Halves & Fixtures 1 Box Bug Sparay & Liquid for Tape 1 " Tape coat	SS. Pres. Fillmore U.S.A. Flag	WS-NE-2903 2 July '76	Seattle U.S.A.	8.99	6 Sep. '76	12 Oct '76	SEPE-1033 13 July '76	97,562.15	99,800.00	0	1,721.38
C-8H	2 Flat Racks Steel Fencing, Pipe	SS. Axel Maersk U.S.A. Flag	LGB-Y-007 11 June '76	Long Beach U.S.A.	39.64	24 Aug. '76	13 Sep '76	SEPE-1034 16 July '76	79,731.38	90,278.00	0	10,079.43
C-8H	3 Bcls. Galvanized Steel Racks	SS. Svend Mrsk. U.S.A. Flag	SFO-F-375	Oakland U.S.A.	4.57	24 Aug. '76	8 Oct '76	SEPE-1035 19 July '76	12,053.97	14,131.00	0	2,003.90
C-8H	39 Pcs. Fiberglass Pipe & Fittings 3 Pts. Steel Rings 1 Pc. Steel 1 Flanged Orifice 2 Bxs. Welding Rod Valves, Gauges 3 " Pipe Fittings 4 " Valves 3 Pcs. Copper Wire	SS. Adrian Mrsk. U.S.A. Flag	SFO-YO-315 23 Jul. '76	Oakland U.S.A.	12.49	24 Aug. '76	6 Oct. '76	SEPE-1036 2 Aug. '76	107,246.93	112,334.00	0	4,505.74
C-8H	1 Cont. Maeu 2625 416 1 " " 2606 118	SS. Mathilde Mrsk U.S.A. Flag	SFO-Y-301 22 July '76	Oakland U.S.A.	10.68	24 Aug. '76	17 May '77	SEPE-1037 2 Aug. '76	39,249.78	16,584.30	0	1,040.25
C-8H	6 Pcs. Steel 6 Bxs. " Exp. Joint	SS. Pres. Polk U.S.A. Flag	NY-NE-9951 30 July '76	New Jersey U.S.A.	6.60	2 Oct. '76	20 Oct. '76	SEPE-1038 9 Aug. '76	56,375.89	58,678.00	0	1,998.45
VENDOR : M/W INTERNATIONAL LTD., INC. AND E.E. BLACK, LTD.			BLACK & VEATCH INTERNATIONAL KANSAS CITY, MISSOURI USA JAKARTA INDONESIA				UNITED STATES OF AMERICA A.I.D. LOAN 497 H 024				PROJECT 6104	
EQUIPMENT : General Construction			PERUSAHAAN UMUM LISTRIK NEGARA AGENCY OF MINISTRY OF PUBLIC WORKS AND POWER GOVERNMENT OF REPUBLIC OF INDONESIA				SHIPPING STATEMENT CUMULATIVE				DRAWING SS-1	
CONTRACT NO. : PJ.191/PST/75			100 MW (2x 50MW) SEMARANG STEAM POWER PLANT UNITS 1 & 2									
LETTER OF CREDIT NO. : 0103/3625												

SPEC. NO.	DESCRIPTION OF MATERIAL	NAME OF VESSEL AND FLAG	BILL OF LADING NO & DATE	PORT OF EXIT	GROSS WEIGHT LONG TONS	ARRIVAL DATE SEMARANG	DATE DELIVERED AT SITE	INVOICE NO AND DATE	F A S VALUE OF CARGO US \$	TOTAL CIF VALUE	COST OF OCEAN FREIGHT		
											AID FUNDS US \$	OTHER FUNDS US \$	
C-8H	7 Pcs Valves 1 Box Fibreglass Pipe 1 Bdl Steel Pipe	SS.Pres.Fillmore	WSNE-2211 6 Aug '76	Seattle U.S.A.	2.77	6 Oct '76	8 Nov '76	SEPE-1039 11 Aug '76	30,084.12	30,706.00	0	462.98	
C-8H	1 Cont - 21 Plts Ceramic Tile	SS.Arnold Maersk	BAL-Y-004 9 Aug '76	Baltimore U.S.A.	15.92	22 Oct '76	3 Nov '76	SEPE-1040 13 Aug '76	1,129.32	3,181.00	0	2,020.87	
C-8H	250 Pcs Reinforced Concrete Pipe	SS.Indra Sakti	3. 12 Jul '76	Singapore	236.21	16 Jul '76	9 Oct '77	SEPE-1041 16 Aug '76	44,231.15	51,554.00	0	7,123.10	
C-8H	1 Box Milling Machine 1 Box Drill Press & Saw 1 " Drill Press 1 " Water Heater Pump 1 " Riser Clamp & Rods Steel 1 " Vinyl Cove Base & Adhesive	SS.Albert Maersk	SFO-F-307 12 Aug '76	Oakland U.S.A.	2.50	29 Sep '76	12 Oct '76	SEPE-1043 24 Aug '76	20,021.27	20,895.27	0	765.60	
C-8H	8 Bdl Steel Pipe 23 Rls Copper Wire	SS.Pres Grant	WSNE-2409 13 Aug '76	Seattle U.S.A.	22.35	9 Oct '76	8 Nov '76	SEPE-1042 18 Aug '76	56,510.95	59,820.00	0	2,999.48	
C-8H	3 Rls Copper Wire 1 Box Fittings & Welding Rods 1 Box Valves	SS.Washington	SEA-SEM-1 18 Aug '76	Seattle U.S.A.	3.11	30 Sep '76	26 Oct '76	SEPE-1045 31 Aug '76	58,370.94	59,288.00	0	610.24	
C-8H	2 Bdl Steel Pipe 21 Rls Copper Wire	SS.Pres Truman	WS-NE 2527 19 Aug '76	Seattle U.S.A.	21.49	9 Oct '76	29 Oct '76	SEPE-1044 31 Aug '76	62,603.54	65,636.00	0	2,692.79	
C-8H	13 Bxs Light Fixtures 5 Plts Valves 1 Box Valve Handle 1 Box Valves & Temp Elements 1 Box Valves 1 Box Electric Switches 1 Box Welding Wire	SS.Arthur Maersk	SFO-Y-605 20 Aug '76	Seattle U.S.A.	6.40	22 Oct '76	3 Nov '76	SEPE-1046 2 Sep '76	50,701.87	53,000.00	0	2,023.85	
C-8H	8 Chlorine Tanks	SS.Pres Roosevelt	NY-NE 9951 30 Aug '76	New Jersey U.S.A.	4.84	6 Nov '76	23 Nov '76	SEPE-1047 7 Sep '76	21,015.20	22,100.00	0	970.43	
VENDOR : M&K INTERNATIONAL LTD., INC. AND E.E. BLACK LTD. EQUIPMENT : General Construction				BLACK & VEATCH INTERNATIONAL KANSAS CITY, MISSOURI USA JAKARTA INDONESIA				UNITED STATES OF AMERICA AID LOAN 497 H 024				PROJECT 6104	
CONTRACT NO : Pj.191/PST/75 LETTER OF CREDIT NO. : 0103/3625				PERUSAHAAN UMUM LISTRIK JEPARA AGENCY OF MINISTRY OF PUBLIC WORKS AND POWER GOVERNMENT OF REPUBLIC OF INDONESIA 100 MW(2x 50MW) SEMARANG STEAM POWER PLANT UNITS 1&2				SHIPPING STATEMENT CUMULATIVE				DRAWING SS-1	

SPEC. NO.	DESCRIPTION OF MATERIAL	NAME OF VESSEL AND FLAG	BILL OF LADING NO. & DATE	PORT OF EXIT	GROSS WEIGHT LONG TONS	ARRIVAL DATE SEMARANG	DATE DELIVERED AT SITE	INVOICE NO. AND DATE	F.A.S VALUE OF CARGO US \$	TOTAL C.I.F VALUE	COST OF OCEAN FREIGHT		
											AID FUNDS US \$	OTHER FUNDS US \$	
C-8H	8 Bxs Pipe Fittings 1 Box Valve	SS.Pres Kennedy	WSNE-2909 3 Sep '76	Seattle U.S.A.	2.00	6 Nov '76	22 Nov '76	SEPE-1048 9 Sep '76	38,174.97	38,770.00	0	394.40	
C-8H	3 Bcls Fabricated Structure Viz, Bars Screen Racks 1 Cont No.XTRU 812428	SS.Axel Maersk	SFO-B-851 2 Sep '76	Oakland U.S.A.	16.29	22 Oct '76	12 Nov '76	SEPE-1049 16 Sep '76	51,626.90	56,648.00	0	4,727.95	
C-8H	26 Rls Copper Wire 12 Bxs Valves 4 Bxs Valves 3 Pcs Pipe Fittings 1 Bx Valves & Pipe Fittings	SS.Pres Fillmore	WSNE-2230 13 Sep '76	Seattle U.S.A.	28.63	6 Nov '76	22 Nov '76	SEPE-1050 20 Sep '76	197,677.73	203,222.00	0	4,492.60	
C-8H	2 Pcs Air Filter & Dryer 11 Pcs Pipe Hangers	SS.Pres Harrison	NY-NE 9952 20 Sep '76	New Jersey U.S.A.	5.58	6 Nov '76	23 Nov '76	SEPE-1051 24 Sep '76	85,333.33	86,496.00	0	715.05	
C-8H	8 Bxs Valves 5 Bxs Pipe Hangers	SS.Pres Eisenhower	NY-NE 9951 2 Oct '76	New Jersey U.S.A.	8.72	8 Dec '76	20 Dec '76	SEPE-1053 8 Oct '76	158,614.20	160,700.00	0	1,254.18	
C-8H	187 Pcs Reinforced Concrete-Pipe	SS.Indra Sakti	2.	Singapore	52.87	9 Oct '76	3 Nov '76	SEPE-1056 13 Oct '76	60,865.16	68,985.00	0	7,852.52	
C-8H	2 Bcls Black Steel W.F. Beams	SS.Adrian Maersk	SFO-F-301 30 Sep '76	Oakland U.S.A.	5.18	22 May '77	27 Jun '77	SEPE-1054 11 Oct '76	2,954.79	3,500.00	0	517.10	
C-8H	2 Skids Pressure Tanks	SS.Pres Kennedy	WSNE-2308 5 Oct '76	Seattle U.S.A.	0.95	8 Dec '76	21 Dec '76	SEPE-1055 11 Oct '76	3,043.05	3,740.00	0	677.60	
C-8H	1 Cs Pipe Coatings Material 5 Bcls Pipes	SS.Banten	S-11 11 Oct '76	Singapore		22 Sep '76	12 Nov '76	SEPE-1052 1 Oct '76	4,544.76	6,469.70	0	163.85	
C-8H	1 Box Wire Fitting Valves 2 Bxs Valves 4 Bxs Valves 2 Bxs Valves 1 Box Nuts & Bolts, Strainers 3 Bxs Valves 1 Box Gaskets Rubber (Cont'd To the next page)	SS.Indian Mail	WSNE-2311 14 Oct '76	Seattle U.S.A.	22.97	7 Dec '76	20 Dec '76	SEPE-1058 21 Oct '76	101,690.72	104,952.00	0	2,718.15	
VENDOR : M&K INTERNATIONAL LTD., INC. E.E. BLACK LTD.				BLACK & VEATCH INTERNATIONAL KANSAS CITY, MISSOURI USA JAKARTA INDONESIA				UNITED STATES OF AMERICA AID LOAN 497 H 024				PROJECT 6104	
EQUIPMENT : General Construction				PERUSAHAAN UMUM LISTRIK NEGARA AGENCY OF MINISTRY OF PUBLIC WORKS AND POWER GOVERNMENT OF REPUBLIC OF INDONESIA				SHIPPING STATEMENT CUMULATIVE				PAGE NO SS-1	
CONTRACT NO. : Pj.191/PST/75				100 MW(2x 50MW) SEMARANG STEAM POWER PLANT UNITS 1&2									
LETTER OF CREDIT NO. : 0103/3625													

SPEC. NO.	DESCRIPTION OF MATERIAL	NAME OF VESSEL AND FLAG	BILL OF LADING NO. & DATE	PORT OF EXIT	GROSS WEIGHT LONG TONS	ARRIVAL DATE SEMARANG	DATE DELIVERED AT SITE	INVOICE NO. AND DATE	F A S VALUE OF CARGO US \$	TOTAL CIF VALUE	COST OF OCEAN FREIGHT		
											AID FUNDS US \$	OTHER FUNDS US \$	
C-8H (Cont'n)	8 Bdl's Steel 5 Bdl's Pipes 2 Bdl's Pipe	SS.Indian Mail	WSNE-2311 14 Oct '76	Seattle U.S.A.									
C-8H	24 Rls Copper Wire 1 Box Electrical Equipment 1 Box Electrical Equipment Wire Strains 2 Crts Cooler & Separator 1 Box Gasket Wire Fittings	SS.Pres Taft	WSNE 2405 25 Oct '76	Seattle U.S.A.	14.69	7 Jan '77	2 Feb '77	SEPE-1059 29 Oct '76	48,209.09	51,210.00	0	2,709.40	
C-8H	18 Rls Copper Wire 1 Box Valves	SS.Pres Kennedy	WSNE 2408 29 Oct '76	Seattle U.S.A.	19.09	7 Jan '77	18 Mar '77	SEPE-1060 29 Oct '76	65,117.07	68,852.00	0	3,282.99	
C-8H	14 Pcs Reinforced Concrete Pipe	SS.Indrasakti	2. 3 Nov '76	Singapore	2.03	6 Nov '76	11 Dec '76	SEPE-1041 3 Nov '76	300.62	565.77	0	262.97	
C-8H	2 Bdl's Coated Pipe	SS.Langkara	SEM-1 8 Nov '76	Singapore		13 Nov '76	20 Dec '76	SEPE-1064 8 Nov '76	3,736.92	3,995.70	0	113.96	
C-8H	3 Pcs Pipe Hangers 1 Box Electrical Equipment	SS.Pres Monroe	NYNE-9951 8 Nov '76	New York U.S.A.	0.95	7 Jan '77	2 Feb '77	SEPE-1061 8 Nov '76	16,999.64	17,300.00	0	210.83	
C-8H	1 Box Door Hardware 2 Crts Hoods & Parts for Ventilator 2 Bxs Aluminium Railing 1 Box Bonding Compound, Oil Finish Laquer	SS.Arnold Maersk	SFO-F-820 22 Oct '76	San Francisco U.S.A.	1.40	23 May '77	27 Jun '77	SEPE-1063 11 Nov '76	13,904.24	14,700.00	0	719.69	
C-8H	19 Rls Copper Wire	SS.Pres Fillmore	WSNE-2319	Seattle U.S.A.	14.51	7 Jan '77	11 Feb '77	SEPE-1062 11 Nov '76	42,688.55	45,527.00	0	2,579.29	
VENDOR : MWK INTERNATIONAL LTD., INC. AND E.E. BLACK LTD. EQUIPMENT : General Construction				BLACK & VEATCH INTERNATIONAL KANSAS CITY, MISSOURI USA JAKARTA INDONESIA				UNITED STATES OF AMERICA A.I.D. LOAN 497 H 024				PROJECT 6104	
CONTRACT NO. : Pj.191/PST/75 LETTER OF CREDIT NO. : 0103/3625				PERUSAHAAN UMUM LISTRIK NEGARA AGENCY OF MINISTRY OF PUBLIC WORKS AND POWER GOVERNMENT OF REPUBLIC OF INDONESIA 100 MW(2x50MW) SEMARANG STEAM POWER PLANT UNITS 1 & 2				SHIPPING STATEMENT CUMULATIVE				DRAWING SS-1	

SPEC. NO.	DESCRIPTION OF MATERIAL	NAME OF VESSEL AND FLAG	BILL OF LADING NO. & DATE	PORT OF EXIT	GROSS WEIGHT LONG TONS	ARRIVAL DATE SEMARANG	DATE DELIVERED AT SITE	INVOICE NO. AND DATE	F.A.S VALUE OF CARGO US \$	TOTAL CIF VALUE	COST OF OCEAN FREIGHT		
											AID FUNDS US \$	OTHER FUNDS US \$	
C-8H	120 Pcs L3"U Type mild sheets pile 6 Cs - 1 Set PVC pipe welding machine Pipe testing pump Concrete trolley Jacks c/w ram, pump & hose	SS. Empoh	SEM-1 22 Nov '76	Singapore		27 Nov '76	24 Dec '76	SEPE 1080 10 JAN. '77	\$ 54,348.00	\$ 57,348.00	0	\$ 3000.00	
C-8H	2 Crtns Insert kits & molds with glue	Emery Air Freight	AWB - SEA 13521 24 Nov '76	Seattle U.S.A.	0.04	9 Dec '76	22 Mar '77	Invoice No. SEPE-1065 23 Nov '76	139.10	350.00	0	209.05	
C-8H	4 Pcs Pipe Hangers 3 Bxs Valves	SS. Pres Roosevelt U.S.A. Flag	WSNE-9951 12 Nov '76	New York U.S.A.	3.20	7 Jan '77	2 FEB. '77	Invoice No. SEPE-1066 18 Nov '76	44,636.02	45,315.00	0	405.31	
C-8H	1 Cont 226 Pcs Constr Materials	Arild Maersk U.S.A. Flag	SFO-Y-815 18 Nov '76	Oakland U.S.A.	8.66	21 Jan '77	24 Feb '77	SEPE-1069 23 Nov '76	48,793.22	51,311.00	0	2,252.25	
C-8H	6 Crtns Air Compressor 5 Rls Copper wire 16 Bxs Bolts & Nuts	SS. Pres Taft U.S.A. Flag	WSNE-2407 19 Nov '76	Seattle U.S.A.	18.98	7 Jan '77	2 FEB. '77	SEPE-1068 23 Nov '76	83,028.25	86,400.00	0	2,924.63	
C-8H	14 Rls Wire rope	SS. Pres Kennedy U.S.A. Flag	WSNE-2405 29 Nov '76	Seattle U.S.A.	8.62	19 JAN. '77	16 FEB. '77	SEPE-1070 30 Nov '76	24,269.16	26,166.00	0	1,722.36	
C-8H	4 Bxs Circuit Boxes 2 Bxs Valves 3 Bxs Valves 1 Bx Junction Box 1 Rl Copper Wire 3 Bxs Circuit Boxes 1 Bx Circuit Box & Valves	SS. Pres Truman U.S.A. Flag	WSNE 2407 15 Nov '76	Seattle U.S.A.	10.20	7 Jan '77	11 FEB. '77	SEPE-1067 18 Nov '76	44,839.16	48,630.00	0	3,497.04	
C-8H	3 Crtns Automotive Parts	Emery Air Freight	AWB - SEA 84981 1 Dec '76	Seattle U.S.A.	0.03	9 Dec '76	28 Feb '77	SEPE-1072 1 Dec '76	185.42	400.00	0	209.46	
C-8H	1 Bx Flare Rolls	Western Airlines	AWB-SEA 22199	Seattle U.S.A.	0.001	14 Dec '76	28 Feb '77	SEPE-1073 7 Dec '76	77.66	100.00	0	22.00	
VENUEUR : MMK INTERNATIONAL LTD., INC. AND EQUIPMENT : E.E. BLACK LTD. CONTRACT NO. : General Construction LETTER OF CREDIT NO. : Pj.191/PST/75 : 0103/3625				BLACK & VEATCH INTERNATIONAL KANSAS CITY, MISSOURI USA JAKARTA INDONESIA PEKERUSAHAAN UMUM LISTRIK NEGARA AGENCY OF MINISTRY OF PUBLIC WORKS AND POWER GOVERNMENT OF REPUBLIC OF INDONESIA 100 MW (2 x 50 MW) SEMARANG STEAM POWER PLANT UNITS 1 & 2				UNITED STATES OF AMERICA AID LOAN 497 M 024 SHIPPING STATEMENT CUMULATIVE				PROJECT 6104 DRAWING SS-1	

SPEC. NO.	DESCRIPTION OF MATERIAL	NAME OF VESSEL AND FLAG	BILL OF LADING NO. & DATE	PORT OF EXIT	GROSS WEIGHT LONG TONS	ARRIVAL DATE SEMARANG	DATE DELIVERED AT SITE	INVOICE NO. AND DATE	F.A.S VALUE OF CARGO US \$	TOTAL C.I.F VALUE	COST OF OCEAN FREIGHT		
											AID FUNDS US \$	OTHER FUNDS US \$	
C-8H	5 Bxs Pipe Hangers	SS.Pres Harrison U.S.A. Flag	WSNE-9952 26 Nov '76	New York U.S.A.	1.69	19 Jan '77	24 Feb '77	SEPE-1076 6 Dec '76	38,547.23	38,936.00	0	187.28	
C-8H	4 Cs Electrical Motor 24 Pcs Valves	SS.Pres. Fillmore U.S.A. Flag	WSNE-2228 11 Oct '76	Seattle U.S.A.	7.09	8 Dec '76	20 Dec '76	SEPE-1057 15 Oct '76	118,525.45	120,059.00	0	912.24	
C-8H	2 Bxs Hoses, Flare Rolls, Tee, Paint Sprayer	Emery Air Freight	AWB-SEA 22197 9 Dec '76	Seattle U.S.A.	0.01	17 Dec '76	28 Feb '77	SEPE-1074 9 Dec '76	126.24	300.00	0	170.18	
C-8H	1 Cont Steel Sluice Gate K.D.	Alva Maersk U.S.A. Flag	SFO-Y-310 24 Nov '76	Oakland U.S.A.	19.95	20 Jan '77	24 Feb '77	SEPE-1075 6 Dec '76	198,200.93	201,821.00	0	2,575.65	
C-8H	1 Box Valves 1 Box Strainer	SS.Pres.Eisenhwr. U.S.A. Flag	WS-NE 9951 10 Dec '76	New York U.S.A.	0.82	14 Feb '77	12 Mar '77	SEPE-1077 16 Dec '76	16,260.61	16,575.00	0	198.06	
C-8H	1 Crt Pipe Fittings,Gasket,Valves 1 Crt Lawn Mower 1 Crt Electrical Equipment 1 Crt Copper Tubing 2 Rls Electrical Wire 1 Crt Engine	SS.Pres.Truman U.S.A. Flag	WSNE-2404 10 Dec '76	Seattle U.S.A.	3.85	13 Feb '77	12 Mar '77	SEPE-1078 16 Dec '76	41,178.29	42,680.00	0	1,280.84	
C-8H	4 Containers : 4 Roof Ventilator Fans 4 Galv Steel Fan Curbs 4 Roof Ventilator Fans 4 Galv Steel Fan Curbs 5 Steel Fan Hoods 1 Galv Steel Fan Curbs 1 Roof Ventilator Fans 22 Ctns Steel Lockers 5 Steel Fan Hoods 1 Galv Steel Fan Curb 1 Roof Ventilator Fans 4 Crts Fan Birds Screen 1 Ctn Fan Shutter 1 Geared Trolley	SS.Arnold Maersk U.S.A. Flag	SFO-Y-126 23 Dec '76	Oakland U.S.A.	12.92	6 FEB.'77	18 Mar '77	SEPE-1079 3 Jan '77	27,145.31	38,319.00	0	10,975.39	
VENDOR : MWK INTERNATIONAL LTD., INC. AND E.E. BLACK LTD.				BLACK & VEATCH INTERNATIONAL KANSAS CITY, MISSOURI USA JAKARTA INDONESIA				UNITED STATES OF AMERICA A.I.D LCAN 497 M 024				PROJECT 6104	
EQUIPMENT : General Construction				PERUSAHAAN UMUM LISTRIK NEGARA AGENCY OF MINISTRY OF PUBLIC WORKS AND POWER GOVERNMENT OF REPUBLIC OF INDONESIA				SHIPPING STATEMENT CUMULATIVE				DRAWING SS-1	
CONTRACT NO. : PJ.191/PST/75				100 MW (2x 50 MW) SEMARANG STEAM POWER PLANT UNITS 1 & 2									
LETTER OF CREDIT NO. : 0103/3625													

SPEC. NO.	DESCRIPTION OF MATERIAL	NAME OF VESSEL AND FLAG	BILL OF LADING NO. & DATE	PORT OF EXIT	GROSS WEIGHT LONG TONS	ARRIVAL DATE SEMARANG	DATE DELIVERED AT SITE	INVOICE NO. AND DATE	F.A.S VALUE OF CARGO US \$	TOTAL CIF VALUE	COST OF OCEAN FREIGHT	
											AID FUNDS US \$	OTHER FUNDS US \$
C-8H	1 Box Misc Equipment 1 Box Shims 6 Bxs Electrical racks 3 Bxs Welding Rods 8 Pkgs Steel 1 Box Rust Preventitive 1 Box MTY Chemical Tanks 2 Bxs Electrical Level Switch	SS.Pres.Fillmore U.S.A. Flag	2405 10 Jan '77	Seattle U.S.A.	18.06	19 Mar '77	29 Apr '77	SEPE-1081 12 Jan '77	39,674.25	44,564.60	0	4,639.36
C-8H	1 Cont Aluminium Louvers 1 Cont Aluminium Window w/Glass 1 Bdl Steel W.F. Beams & Channels 1 Bdl Steel Angles 1 Box Hoist Parts	SS.Axel Maersk U.S.A. Flag	SFO-Y-161 6 Jan '77	Oakland U.S.A.	13.39	2 Mar '77	6 Jun '77	SEPE-1082 17 Jan '77	110,829.35	119,844.23	0	8,365.09
C-8H	3 Pcs Pipe Hangers 3 Bxs Fire Hydrants	SS.Pres. Monroe U.S.A. Flag	9951 14 Jan '77	New York U.S.A.	3.68	19 Mar '77	21 Apr '77	SEPE-1083 19 Jan '77	49,447.61	50,860.00	0	1,149.19
C-8H	1 Box Plastic Pipe & Fittings 1 Box Water Still & Valves 3 Bxs Roof Vent w/motor, Curbs w/ Birdscreen	SS.Anders Maersk U.S.A. Flag	SFO-F-671 13 Jan '77	Oakland U.S.A.	1.02	2 Mar '77	6 Jun '77	SEPE-1084 24 Jan '77	18,254.03	19,161.00	0	807.81
C-8H	32 Rls Copper Wire 16 Rls Copper Wire 2 Bxs Electrical Equipment 1 Box Hose, Pipe, Valves & Pipe Hangers 1 Box Turn Buckles	SS.Pres Truman U.S.A. Flag	2214 19 Jan '77	Seattle U.S.A.	19.76	19 Mar '77	29 Apr '77	SEPE-1085 22 Jan '77	94,986.65	99,547.00	0	4,034.83
C-8H	1 Box Tape 1 Box Welder 1 Box Mty Butane Tank 1 Box Pumps 1 Box Motor Generator Panel 1 Box Fittings & Valves 1 Box Pump & Motor 2 Pts Helium & Argon 3 Pcs Steel & Side Bars 1 Bdl Pipe	Pres Fillmore U.S.A. Flag	2204 6 Feb '77	Seattle U.S.A.	5.50	19 Mar '77	11 May '77	SEPE-1086 8 Feb '77	46,426.89	47,737.00	0	1,063.07

VENDOR : MKK INTERNATIONAL LTD., INC. AND
E.E. BLACK LTD.
EQUIPMENT : General Construction
CONTRACT NO. : Pj.1J1/PST/75
LETTER OF CREDIT NO. : 0103/3625

BLACK & VEATCH INTERNATIONAL
KANSAS CITY, MISSOURI USA JAKARTIA INDONESIA
PERUSAHAAN UMUM LISTRIK NEGARA
AGENCY OF MINISTRY OF PUBLIC WORKS AND POWER
GOVERNMENT OF REPUBLIC OF INDONESIA
100 MW (2x 50MW) SEMARANG STEAM POWER PLANT UNITS 1 & 2

UNITED STATES OF AMERICA
A.I.D. LOAN 493 H 024

SHIPPING STATEMENT
CUMULATIVE

PROJECT
6104
DRAWING
SS-1

SPEC. NO.	DESCRIPTION OF MATERIAL	NAME OF VESSEL AND FLAG	BILL OF LADING NO & DATE	PORT OF EXIT	GROSS WEIGHT LONG TONS	ARRIVAL DATE SEMARANG	DATE DELIVERED AT SITE	INVOICE NO AND DATE	F.A.S VALUE OF CARGO US \$	TOTAL C.I.F VALUE	COST OF OCEAN FREIGHT		
											AID FUNDS US \$	OTHER FUNDS US \$	
C-8H	1 Cont of 442 Constr. Materials	SS.Adrian Maersk U.S.A. Flag	SFO-Y-151 2 Feb '77	Oakland U.S.A.	11.73	1 Apr'77	21 Apr'77	SEPE-1087 14 Feb '77	44,652.80	47,210.00	0	2,312.89	
C-8H	4 Bdl's Steel Rails	SS.Pres Truman U.S.A. Flag	2405	Seattle	12.09	19 Apr'77	8 Jun'77	SEPE-1088 16 Feb '77	99,032.57	101,126.00	0	1,570.10	
C-8H	7 Bxs Pipe Hangers	SS.Pres Harrison U.S.A. Flag	9951	New York U.S.A.	3.22	19 Apr'77	8 Jun'77	SEPE-1091 17 Feb '77	16,668.34	17,200.00	0	442.65	
C-8H	15 Rls Copper Wire 3 Bxs Copper Tubing	SS.Pres.Kennedy U.S.A. Flag	070115 27 Feb '77	Seattle U.S.A.	8.34	19 Apr'77	8 Jun'77	SEPE-1092 1 Mar '77	24,008.74	25,900.00	0	1,757.23	
C-8H	1 Cont- 5 Crts Fans 7 Skds Fans, Screens, Rings Oscillators 51 Pcs conduit pip, Fittings 3 Crts Heaters, Elect.	SS.Arnold Maersk U.S.A. Flag	SFO-Y-671 24 Feb '77	Oakland U.S.A.	6.72	29 Apr'77	8 Jun'77	SEPE-1095 9 Mar '77	20,680.69	23,000.00	0	2,200.00	
C-8H	3 Bxs Valves	SS. Pres. Eisenhower U.S.A. Flag	070042 3 March '77	New York U.S.A.	5.25	4 May'77	3 Jun'77	SEPE-1094 7 March '77	60,995.28	61,820.00	0	544.80	
C-8H	1 cont-105 Pkgs Air Register 1 Box Steel Channel, Casing Bead, Gate & Sheets 2 Pkgs Steel Conduit & Lou- ver Parts	SS.Albert Maersk U.S.A.	SFO-F-112 17 Feb '77	Oakland U.S.A.	3.19	1 Apr'77	29 Apr'77	SEPE-1093 3 Mar '77	13,474.56	16,125.00	0	2,566.99	
C-8H	64 Pcs-40'U' Type Mild Sheets Pile 1 Cs 12 Tins Galvanized Paints 3 Ctns Rotary Air Compressor	SS.Kota Mulia Indonesia Flag	10. 2 Mar '77	Singapore	15.12	12 Mar'77	21 Apr'77	SEPE -1090 1 Apr'77	13,063.88	14,346.00	0	1,218.88	
C-8H	1 Box Valves & Fittings 1 Box Batteries 5 Bdl's Pipes	SS.Pres.Truman U.S.A. Flag	070191 15 Mar '77	Seattle U.S.A.	7.63	4 May'77	9 Jun'77	SEPE-1096 17 Mar '77	21,050.21	22,292.00	0	1,126.43	
C-8H	5 Bxs Pipe Hangers	SS.Pres.Roosevelt U.S.A. Flag	9951 30 Jan '77	New York U.S.A.	1.96	19 Mar '77	6 May'77	SEPE-1097 1 Feb '77	23,626.55	24,000.00	0	249.25	
VENDOR : MWK INTERNATIONAL LTD., INC. AND E.E. BLACK LTD. EQUIPMENT : General Construction CONTRACT NO. : Pj.191/PST/75 LETTER OF CREDIT NO. : 0103/3625				BLACK & VEATCH INTERNATIONAL KANSAS CITY, MISSOURI USA JAKARTA INDONESIA PERUSAHAAN UMUM LISTRIK NEGARA AGENCY OF MINISTRY OF PUBLIC WORKS AND POWER GOVERNMENT OF REPUBLIC OF INDONESIA 100 MW (2x 50MW) SEMARANG STEAM POWER PLANT UNITS 1 & 2				UNITED STATES OF AMERICA A I D. LOAN 497 H 024 SHIPPING STATEMENT CUMULATIVE				PROJECT 6104 DRAWING SS-1	

SPEC. NO.	DESCRIPTION OF MATERIAL	NAME OF VESSEL AND FLAG	BILL OF LADING NO. & DATE	PORT OF EXIT	GROSS WEIGHT LONG TONS	ARRIVAL DATE SEMARANG	DATE DELIVERED AT SITE	INVOICE NO. AND DATE	F.A.S VALUE OF CARGO US \$	TOTAL C.I.F VALUE	COST OF OCEAN FREIGHT	
											AID FUNDS US \$	OTHER FUNDS US \$
C-8H	4 Crts Generators	SS.Pres.Polk U.S.A. Flag	070178 17 Mar '77	New York U.S.A.	4.87	24 Mar'77	2 Jul'77	SEPE-1098 23 Mar '77	86,102.30	87,500.00	0	944.89
C-8H	24 Pkgs Plant Equipment	SS.EMPoh	SEM-3 25 Mar'77	Singapore	2.29	19 Mar'77	5 May'77	IS - 003 25 Mar'77	3,644.43	3,706.86	0	46.70
C-8H	2 Cont-18 Crtns Fans w/screen & ring 3 Heaters, Elect 1 Crt Air Handling Unit 1 Crt Air Reg.	SS.Anders Maersk U.S.A. Flag	SFO-Y-151 17 Mar'77	Oakland U.S.A.	11.07	29 Apr'77	9 Jun'77	SEPE-1099 28 Mar'77	61,459.27	65,500.00	0	3,701.77
C-8H	1 Box Thinners	SS.Arild Maersk U.S.A. Flag	SFO-D-652 24 Mar'77	Oakland U.S.A.	0.17	22 May'77	30 Jun'77	SEPE-1101 4 Apr'77	893.82	1,000.00	0	101.00
C-8H	4 Cont. Ins. Materials 3 Drms. Cable Racks 4 Cont. Ins. Materials	SS.Montana U.S.A Flag	SF/SRG-1 27 Mar'77	San Francisco Long Beach	54.43	26 Apr'77	30 Jun'77	SEPE-1100 1 Apr'77	115,371.95	148,982.00	0	32,766.24
C-8H	4 Cs. Condenser Tubes Cleaning System	Indrasakti Ind. Flag	No.5. 12 Mar'77	Singapore	6.770	19 Mar'77	18 May'77	SEPE-1089 1 Apr'77	114,760.08	115,752.00	0	543.38
C-8H	1 Cont-176 Pcs Plant Equipment	SS.American Mail U.S.A. Flag	070353 5 Apr'77	Seattle U.S.A.	13.99	4 May'77	3 Jun'77	SEPE-1102 13 Apr'77	125,049.01	128,114.00	0	2,402.00
C-8H	2 Cont-5 Crts Air Handling Units	SS.Anna Mrsk. U.S.A.Flag	SFO-Y-134 14 Apr'77	Oakland U.S.A.	11.94	5 Jun'77	4 Jul'77	SEPE-1105 25 Apr'77	71,716.79	80,000.00	0	7,869.21
C-8H	1 Box Clutch, Bearing, Gaskets	Emery Air Freight	SEA 84977 25 Apr'77	Seattle U.S.A.	0.06	5 May'77	6 Jul'77	SEPE-1104 25 Apr'77	351.41	600.00	0	245.36
C-8H	5 Rls Copper Wire 2 Bxs Electrical Supplies	SS. Pres. Taft U.S.A. Flag	070423 18 Apr'77	Seattle U.S.A.	4.02	9 Jun'77	6 Jul'77	SEPE-1103 20 Apr'77	24,647.22	25,000.00	0	720.82
C-8H	3 Pcs Pipe Hangers	SS.Pres.Harrison U.S.A.Flag	070520 3 May'77	New York	0.90	9 Jul'77	10 Aug'77	SEPE-1107 5 May'77	15,801.12	16,000.00	0	116.08

VENDOR : M.W. INTERNATIONAL LTD., INC. AND
E.E. BLACK LTD.
EQUIPMENT : General Construction
CONTRACT NO. : Pj.191/PST/75
LETTER OF CREDIT NO. : 0103/3625

BLACK & VEATCH INTERNATIONAL
KANSAS CITY, MISSOURI USA
JAKARTA INDONESIA
PERUSAHAAN UMUM LISTRIK NEGARA
AGENCY OF MINISTRY OF PUBLIC WORKS AND POWER
GOVERNMENT OF REPUBLIC OF INDONESIA
100 MW(2x 50MW) SEMARANG STEAM POWER PLANT UNITS 1 & 2

UNITED STATES OF AMERICA
AID LOAN 497 M 024

SHIPPING STATEMENT
CUMULATIVE

PROJECT
6104
DRAWING
SS-1

SPEC NO.	DESCRIPTION OF MATERIAL	NAME OF VESSEL AND FLAG	BILL OF LADING NO & DATE	PORT OF EXIT	GROSS WEIGHT LONG TONS	ARRIVAL DATE SEMARANG	DATE DELIVERED AT SITE	INVOICE NO AND DATE	F A S VALUE OF CARGO US \$	TOTAL C I F VALUE	COST OF OCEAN FREIGHT	
											A I D FUNDS US \$	OTHER FUNDS US \$
C-8H	23 Bxs KD Furniture	SS.Arthur Maersk U.S.A. Flag	BAL-F-525 24 Apr'77	Baltimore U.S.A.	2.88	21 Jun'77	9 Jul'77	SEPE-1106 3 May'77	11,692.77	12,518.00	0	760.45
C-8H	3 Bcls Pipe 1 Rl Copper Wire 3 Bxs Electrical Equipment & Pipe Fitting	SS.Pres Truman U.S.A. Flag	070681 6 May'77	Seattle U.S.A.	8.03	9 Jul'77	29 Jul'77	SEPE-1109 16 May'77	8,900.42	10,142.00	0	1,160.13
C-8H	1 Cs Plant Equipment	SS.Indrasakti Ind. Flag	No.3. 30 May'77	Singapore	0.05	9 Jun'77	9 Jul'77	LS - 001 15 May'77	727.94	746.67	0	15.56
C-8H	2 Cs Plant Equipment	SS.Indrasakti Ind. Flag	No.4. 30 May'77	Singapore	1.01	9 Jun'77	13 Jul'77	LS - 002 30 May'77	2,172.31	2,228.47	0	46.70
C-8H	4 Bxs Fencing materials 1 Box Temp. Controls & Filters	SS.Arnold Maersk U.S.A. Flag	SFO-F-604 19 May'77	Oakland U.S.A.	5.97	10 Sep'77	19 Oct'77	SEPE-1111 31 May'77	33,769.27	36,098.00	0	2,141.92
C-8H	2 Bcls Steel Pipe	SS.Hongkong Mail U.S.A. Flag	070547 25 May'77	Seattle U.S.A.	3.12	2 Aug'77	9 Sep'77	SEPE-1110 31 May'77	5,618.44	6,000.00	0	350.51
C-8H	3 Bcls Pipe 3 Bxs Pipe Fittings 3 Bxs Stainless Steel Tubing 2 Bxs Electrical Equip.&Pipe Fitt. 2 Skds Crane Tires 1 Box Pipe 1 Box Steel 1 Bd1 Steel Channel 4 Bxs Light Fixtures 1 Box Glass Reflector Lens 1 Box Liquid Cement 1 Rl Plastic Tubing 2 Ris Copper Wire	SS.Montana U.S.A. Flag	SEA/SEM-1 26 May'77	Seattle U.S.A.	7.87	4 Jul'77	29 Jul'77	SEPE-1112 2 Jun'77	32,640.91	35,222.00	0	2,348.21
C-8H	6 Bxs Valves 3 Pcs Pipe Hangers	SS.Pres.Polk U.S.A. Flag	070696 3 Jun'77	New York U.S.A.	6.44	16 Aug'77	3 Oct'77	SEPE-1113 8 Jun'77	29,474.32	31,260.00	0	1,413.08
VENDOR : MNK-INTERNATIONAL LTD., INC. AND E. E. BLACK LTD. EQUIPMENT : General Construction CONTRACT NO. : FJ.191/PST/75 LETTER OF CREDIT NO. : 0103/3625			BLACK & VEATCH INTERNATIONAL KANSAS CITY, MISSOURI USA JAKARTA, INDONESIA				UNITED STATES OF AMERICA A I D LOAN 497 - H - C24				PROJECT 6104	
PERUSAHAAN UMUM LISTRIK NEGARA AGENCY OF MINISTRY OF PUBLIC WORKS AND POWER GOVERNMENT OF REPUBLIC OF INDONESIA SEMARANG STEAM POWER PLANT 100MW (2 x 50MW)						SHIPPING STATEMENT CUMULATIVE				DRAWING SS - 1		
						UNITS 1 AND 2						

SPEC NO.	DESCRIPTION OF MATERIAL	NAME OF VESSEL AND FLAG	BILL OF LADING NO & DATE	PORT OF EXIT	GROSS WEIGHT LONG TONS	ARRIVAL DATE SEMARANG	DATE DELIVERED AT SITE	INVOICE NO AND DATE	F.A.S VALUE OF CARGO US \$	TOTAL C.I.F VALUE	CCST OF OCEAN FREIGHT	
											AID FUNDS US \$	OTHER FUNDS US \$
C-8H	1 Box Steel Casting, Viz, manhole Frames & Covers 1 Box Paint	SS.Svend. Maersk U.S.A. Flag	SFO-F-155 9 Jun'77	Oakland U.S.A.	1.62	14 Jul'77	23 Aug'77	SEPE-1115 20 Jun'77	2,762.05	2,900.00	0	122.94
C-8H	2 Bxs Battery Chargers 1 Box Rubber Cement 1 Box Plastic Pipe 1 Box Steel Cable Racks 1 Box Misc. Electrical Equipment	SS.Pres.Jefferson U.S.A. Flag	070886 12 Jun'77	Seattle U.S.A.	2.67	2 Aug'77	9 Sep'77	SEPE-1114 12 Jun'77	4,818.23	6,155.00	0	1,258.37
C-8H	1 Box Pipe Hangers 4 Rls Copperwire 1 Skd Aluminium Channel 1 Box Aluminium Hardware	SS.Pres. Monroe U.S.A. Flag	070850 22 Jun'77	New York U.S.A.	0.19	16 Aug'77	4 Nov'77	SEPE-1117 27 Jun'77	4,233.16	4,500.00	0	232.68
C-8H	1 Bdl Pipe 24 Crts Valve 1 Box Valves 4 Bxs Pumps 2 Bxs Electrical Equipment 1 Box Plastic Couplings 1 Box Pipe Fittings 1 Box Table	SS.Pres. Madison U.S.A. Flag	070955 19 Jun'77	Seattle U.S.A.	11.85	6 Aug'77	22 Sep'77	SEPE-1116 23 Jun'77	275,420.06	280,534.00	0	3,662.18
C-8H	16 Pcs Protection Equipment	SS.Pres.Roosevelt U.S.A. Flag	070959 1 Jul'77	New York U.S.A.	6.83	5 Sep'77	27 Oct'77	SEPE-1118 8 Jul'77	80,869.46	82,702.00	0	1,404.56
C-8H	1 Cc Plant Equipment	SS. Indrasakti Ind. Flag	15 13 Jul'77	Singapore	0.49	19 Jul'77	30 Aug'77	LS - 004 13 Jul'77	3,501.15	3,612.04	0	15.56
C-8H	2 Bxs Air Cooling Mach.	SS.Arthur Maersk U.S.A. Flag	OAK-F-155 6 Jul'77	Oakland U.S.A.	4.06	7 Oct'77	20 Oct'77	SEPE-1119 15 Jul'77	33,430.66	37,700.00	0	4,076.24
C-8H	25 Crts) Plant Equipment 8	SS.Indrasakti Ind. Flag	16 13 Jul'77	Singapore	14.85	19 Jul'77	30 Aug'77	LS - 005 13 Jul'77	7,105.86	7,962.67	0	825.01
VENDOR : HWK-INTERNATIONAL LTD., INC. AND E.E. BLACK LTD		BLACK & VEATCH INTERNATIONAL KANSAS CITY, MISSOURI USA		YAKARTA, INDONESIA		UNITED STATES OF AMERICA AID LOAN 497 - M - 024		PROJECT 6104				
EQUIPMENT : General Construction		PERUSAHAAN DINI LESTARI NEGARA AGENCY OF MINISTRY OF PUBLIC WORKS AND POWER GOVERNMENT OF REPUBLIC OF INDONESIA SEMARANG STEAM POWER PLANT		SHIPPING STATEMENT CUMULATIVE		DRAWING SS-1						
CONTRACT NO. : Pj.191/PST/75		UNSW (2 x 50MW)		UNITS 1 AND 2								
LETTER OF CREDIT NO : 0103/3625												

SPEC NO.	DESCRIPTION OF MATERIAL	NAME OF VESSEL AND FLAG	BILL OF LADING NO & DATE	PORT OF EXIT	GROSS WEIGHT LONG TONS	ARRIVAL JATE SEMARANG	DATE DELIVERED AT SITE	INVOICE NO. AND DATE	F. A S VALUE OF CARGO US \$	TOTAL C.I.F VALUE	COST OF OCEAN FREIGHT	
											A.I.D FUNDS US \$	OTHER FUNDS US \$
C-8H	1 Box Rubber Hose 2 Bxs Light Fixtures 5 Bdl's Conduit 3 Bxs Valves 3 Bxs Sodium Phosphate 1 Box Wetting Agent	SS.Pres. Madison U.S.A. Flag	071146 15 Jul'77	Seattle U.S.A.	5.56	5 Sep'77	8 Nov'77	SEPE-1120 21 Jul'77	43,758.30	45,425.00	0	1,431.63
C-8H	2 Drms Hydrazine 1 Box Tubing 1 Box Valves 1 Box Electric Trays	SS.Pres. Johnson U.S.A. Flag	071272 25 Jul'77	Seattle U.S.A.	0.90	21 Sep'77	14 Oct'77	SEPE-1121 26 Jul'77	9,423.12	9,800.00	0	326.16
C-8H	1 Pipe - 10 1/2 OD 2 Bdl's Pipe (under 6" OD)	SS.Pres.Pierce U.S.A Flag	071306 1 Aug' 77	Seattle U.S.A.	3.17	21 Sep'77	17 Oct'77	SEPE-1122 3 Aug'77	12,555.47	13,000.00	0	377.23
C-8H	56 Lgth & 1 Pc Plant Equipment	SS. Indrasakti Ind. Flag	No.1. 11 Aug'77	Singapore	14.52	11 Aug'77	18 Oct'77	-	55,15,436.65	55,16,396.65	0	\$8,960.00
C-8H	3 Bxs Valves 2 Crts Valves 1 Box Stainless Steel, Condensor Shoulding	SS.Pres. Madison U.S.A. Falg	071501 14 Aug'77	Seattle U.S.A.	8.37	21 Sep'77	14 Oct'77	SEPE-1123 18 Aug'77	479,457.91	485,018.00	0	3,050.12
C-8H	8 Cs Plant Equipment	SS. Kota Bintang Ind. Flag	10 1 Sep'77	Singapore	4.80	6 Sep'77	22 Oct'77	LS - 006 1 Sep'77	9,630,96	9,894,15	0	221,20
C-8H	1 Cs Plant Equipment	SS.Kota Bintang Ind. Flag	9 1 Sep'77	Singapore	6.61	6 Sep'77	22 Oct'77		\$9,602.94	\$9,668.94	0	\$8,66.00
C-8H	1 Cs 162 Drms.) Plant Equipment 44 Bgs	SS. Kota Bintang Ind. Flag	11 1 Sep'77	Singapo	6.61	6 Sep'77	22 Oct'77	LS - 007 1 Sep'77	13,760,58	14,016,70	0	196,63
C-8H	4 Bxs Window & door parts	SS. Adrian Maersk U.S.A. Flag	OAK-F-655 24 Aug'77	San Francisco U.S.A.	0.46	7 Oct'77	1 Nov'77	SEPE-1124 2 Sep'77	5,552.75	5,761.00	0	178.44
VENDOR : MK-INTERNATIONAL LTD. INC. AND E.E. BLACK LTD.		BLACK & VEATCH INTERNATIONAL KANSAS CITY, MISSOURI USA		JAKARTA, INDONESIA		UNITED STATES OF AMERICA A.I.D LOAN 497 - H - C24		PROJECT 6104				
EQUIPMENT : General Construction		PERUSAHAAN UMUM LISTRIK NEGARA AGENCY OF MINISTRY OF PUBLIC WORKS AND POWER GOVERNMENT OF REPUBLIC OF INDONESIA		SEMARANG STEAM POWER PLANT UNITS 1 AND 2		SHIPPING STATEMENT CUMULATIVE		DRAWING SS - 1				
CONTRACT NO. : Pj.191/PST/75		ICGMW (2 x 50MW)										
LETTER OF CREDIT NO : 0103/3625												

SPEC NO.	DESCRIPTION OF MATERIAL	NAME OF VESSEL AND FLAG	BILL OF LADING NO & DATE	PORT OF EXIT	GROSS WEIGHT LONG TONS	ARRIVAL DATE SEMARANG	DATE DELIVERED AT SITE	INVOICE NO AND DATE	F.A.S VALUE OF CARGO US \$	TOTAL CIF VALUE	COST OF OCEAN FREIGHT		
											AID FUNDS US \$	OTHER FUNDS US \$	
C-8H	2 Bxs Pumps 2 Bxs Valves 3 Bxs Light Fixtures 1 Box Glass Lens 1 Rl Copperwire 1 Box Misc Equipment	SS. Pres. Jefferson U.S.A. Flag	071649 4 Sep'77	Seattle U.S.A.	3.30	5 Nov'77	7 Dec'77	RRPT-1125 9 Sep'77	33,516.50	25,226.	- 0 -	1,327.21	
C-8H	2 Crts 3 Cs) Plant Equipment	SS. Banten Ind. Flag	S-8	Singapore	3.27	13 Oct'77	29 Oct'77		\$ 20,910.50	\$ 21,270.50	0	\$ 360.00	
C-8H	1 Crt Electrical Control Panel	SS. Pres. Madison U.S.A. Flag	072029 9 Oct'77	Seattle U.S.A.	1.85	12 Dec'77	28 Dec'77	RRPT-1126 12 Oct'77	91,395.23	92,933.00	0	1,056.84	
C-8H	1 Cs) Plant Equipment 1 Pkg	SS. Empoh Ind. Flag	8 31 Oct'77	Singapore	0.98	5 Nov'77	1 Dec'77	IS - 009 31 Oct'77	1,834.38	1,904.91	0	62.50	
C-8H	5 Cs Plant Equipment	SS. Empoh Ind. Flag	6 31 Oct'77	Singapore	-	5 Nov'77	1 Dec'77	IS - 008 31 Oct'77	18,983.53	19,109.64	0	45.00	
C-8H	14 Bds Plant Equipment	SS. Empoh Ind. Flag	9 31 Oct'77	Singapore	7.31	5 Nov'77	1 Dec'77	IS - 010 31 Oct'77	5,039.59	5,102.91	0	41.66	
C-8H	24- Gedney Galv. Cast Iron Bxs 59- T&B Liquid Tight Conn. 4 - Grouse Hinds. Cond Bodies 12- " " Reducers 12- " " Cond. Coupl. 12- " " Galv Nipples 2 - 1/8 # Monel 190 Electrode 1 - Alnor Dew Point 1 - Gleco Bench Rammer 1 - Rubber Butt.	SS. Empoh Ind. Flag	12 25 Jul'77	Singapore		30 Jul'77	26 Nov'77	SEPE-509 30 Jan'77	1,853.43	2,376.68	0	504.72	
C-8H	3 Bxs Electrical Equipment	SS. Pres. Eisenhower U.S.A. Flag	165392 19 Oct'77	Oakland U.S.A.	0.34	12 Dec'77	28 Dec'77	SEPE-1127 28 Oct'77	3,901.20	4,000.00	0	78.10	
C-8H	1 Crt Vacuum Priming System	SS. Pres. Polk U.S.A. Flag	072514 12 Nov'77	Oakland U.S.A.	1.84	6 Jan'78	21 Jan'78	SEPE-1128 28 Nov'77	52,373.59	54,282.00	0	1,627.58	
VENDOR : MWX-INTERNATIONAL LTD, INC. AND E.E. BLACK LTD. EQUIPMENT : General Construction CONTRACT NO. : Pj.191/PST/75 LETTER OF CREDIT NO. : 0103/3625				BLACK & VEATCH INTERNATIONAL KANSAS CITY, MISSOURI, USA JAKARTA, INDONESIA PERUSAHAAN UMUM LISTRIK NEGARA AGENCY OF MINISTRY OF PUBLIC WORKS AND POWER GOVERNMENT OF REPUBLIC OF INDONESIA SEMARANG STEAM POWER PLANT <small>(SPPM) (2 x 50 MW)</small> UNITS 1 AND 2				UNITED STATES OF AMERICA A.I.D. LOAN 497 - N - 024 SHIPPING STATEMENT CUMULATIVE				PROJECT 6104 DRAWING SS - 1	

SPEC NO.	DESCRIPTION OF MATERIAL	NAME OF VESSEL AND FLAG	B/L OF LADING NO & DATE	PORT OF EXIT	GROSS WEIGHT LONG TONS	ARRIVAL DATE SEMARANG	DATE DELIVERED AT SITE	INVOICE NO. AND DATE	F.A.S VALUE OF CARGO US \$	TOTAL C.I.F VALUE	COST OF OCEAN FREIGHT	
											A.I.D FUNDS US \$	OTHER FUNDS US \$
C-8H	5 Cs 3 Bdis) Plant Equipment	SS. Indrasakti	SMR 12	Singapore	3.25	12 Dec'77	30 Dec'77	LS - 012 29 Nov'77	27.441,706	27.704,48	0	145,83
C-8H	1 Bx Window Glass Screens 1 Bx Rubber Closure 1 Bx Sealing Tape 1 Bx Galva Kote 1 Bx Aluminium Paint	SS. Anders Maersk U.S.A. Flag	OAK-F-155 16 Nov'77	Oakland U.S.A.	1.57	10 Jan'78	14 Feb'78	SEPE-1129 30 Nov'77	18,119.51	19,727.00	0	1,505.40
C-8H	4 Cs 3 Bdis) Plant Equipment	SS. Niaga V Ind. Flag	10 18 Dec'77	Singapore	2.04	29 Dec'77	21 Jan'78	LS - 011 18 Dec'77	11.751,16	11.968,66	0	166,66
C-8H	25 Pits Boiler Cleaning Materials	SS. Banten Ind. Flag	S-10 29 Dec'77	Singapore	7.31	6 Jan'78	10 Feb'78	LS - 013 29 Dec'77	10.655,91	11.317,28	0	613,33
C-8H	1 Pc Analyzer 1 Pc Ground Detection Relay 4 Pcs Drain Valves 2 Pcs Syringe Kits 1 Pc Breather for Exp. Tanks 3 Pcs Yellow Relief Levers 6 Pcs 1/8" Vent Valves 3 Pcs Caps for HV. Bushings	Hand Carried by Mr. J.Q. Adams.		Seattle U.S.A.		24 Jan'78	14 Feb'78	SEPE-524 16 Jan'78	No Charge			-
C-8H	2 Bdis Pipe 1 Bx Valves 1 Bx Glass Lens 2 Bxs Pipe Hangers & Assy 1 Bx Overhead Sprinkler Pipe 1 Bx Electrical Supplies 1 Bx Pipe Fittings 2 Bdis Pipe 4 Bxs Pipe & Fittings	SS. Michigan U.S.A. Flag	41682A 29 Dec'77	Seattle / San Francisco U.S.A.	5.32	3 Feb'78	24 Feb'78	SEPE-1130 9 Jan'78	No Charge	1,335.68	0	1,222.36
C-8H	4 Bxs - Kit, Relay, Test Lead, Calibration Kit, Multimeter Vibroground meter, Record. form & Tape etc.	Hand Carried by Mr. Ivan Converse		Seattle U.S.A.	0.06	2 Jan'78	14 Feb'78	SEPE-523 30 Dec'77	No Charge			-
VENDOR : MWK- INTERNATIONAL LTD, INC. AND E.E. BLACK LTD.			BLACK & VEATCH INTERNATIONAL KANSAS CITY, MISSOURI USA			UNITED STATES OF AMERICA A.I.D LOAN 497 - R - C 24			PROJECT 6104		DRAWING SS-1	
EQUIPMENT : General Construction			PERUSAHAAN UMUM LISTRIK NEGARA AGENCY OF MINISTRY OF PUBLIC WORKS AND POWER GOVERNMENT OF REPUBLIC OF INDONESIA SEMARANG STEAM POWER PLANT 100MW (2 x 50MW)			SHIPPING STATEMENT CUMULATIVE			UNITS 1 AND 2			
CONTRACT NO. : Pj.191/PST/75												
LETTER OF CREDIT NO. : 0103/3625												

C-8H.17

SPEC NO.	DESCRIPTION OF MATERIAL	NAME OF VESSEL AND FLAG	BILL OF LADING NO. & DATE	PORT OF EXIT	GROSS WEIGHT LONG TONS	ARRIVAL DATE SEMARANG	DATE DELIVERED AT SITE	INVOICE NO. AND DATE	F.A.S VALUE OF CARGO US \$	TOTAL C I F VALUE	COST OF OCEAN FREIGHT	
											A I D FUNDS US \$	OTHER FUNDS US \$
C-8H	1 Box- Hand Quadrants Glass Panels Alum. Window w/ Glass Locking Devices	SS. Albert Maersk U.S.A. Flag	OAK-P-610 2 Feb'78	Oakland U.S.A.	0.40	19 Mar'78	7 Apr'78	SEPE - 1131 13 Feb'78	No Charge	349.86	-	339.86
C-8H	7 Pkgs- Plant Equipment	SS. Kuta Mulia	5 4 Mar'78	Singapore	1.56	9 Mar'78	30 Mar'78	LS - 014 4 Mar'78	2.961,73	3.041,30	-	66,66
C-8H	11 Pkgs Plant Equipment	SS. Kuta Mulia	6 4 Mar'78	Singapore	10.12	9 Mar'78	30 Mar'78	LS - 015 4 Mar'78	3.307,79	3.364,55	-	37,50
C-8H	13 Pcs Plant Equipment	SS. Bonavind	8 14 Mar'78	Singapore	7.23	23 Mar'78	14 Apr'78	EA-0001 7 Mar'78	No Charge	240.64	-	193.64
C-8H	8 Ccs 2 Pits) Plant Equipment	SS Indrasakti	SMR-18 8 Apr'78	Singapore	5.5	14 Apr'78	6 May'78	LS - 017 18 Apr'78	11.888,77	12.028,13	-	88,33
C-8H	1 Crt- Elect. Supplies 1 Crt- Fibreglass Insul. 1 Crt- Elect. Supplies 1 Bzn- Wire	SS. Indrasakti	SMR-21 7 Apr'78	Singapore	2.91	16 Apr'78	6 May'78	HA-0002 7 Apr'78	No Charge	139.00	-	108.00
C-8H	5 Bxs - Gypsum Plaster & Stucco Cement	SS. Montana U.S.A. Flag	B-48258 A 28 Mar'78	San Francisco U.S.A.	7.92	30 Apr'78	22 May'78	SEPE-1132 10 Apr'78	No Charge	1,578.16	-	1,558.24
C-8H	3 Pcs Lighting Fixtures	SS. Idaho	41731-A 11 Apr'78	Seattle U.S.A.	0.31	4 Jun'78	22 Jun'78	SEPE-1133 17 Apr'78	No Charge	198.42	-	189.13
C-8H	6 Pkg Plant Equipment	SS. Empoh	#1 26 Apr'78	Singapore	3.74	30 Apr'78	30 May'78	HA-0003 21 Apr'78	No Charge	174.32	-	128.92
C-8H	2 Bxs Steel Fencing 1 Box Paint	SS. Idaho	B-49025A 25 Apr'78	San Francisco U.S.A.	1.40	4 Jun'78	22 Jun'78 28 Jul'78	SEPE-1134 17 May'78	No Charge	464.36	-	449.32
VENDOR : MKK International Ltd. Inc and E.E. Black Ltd, EQUIPMENT : General Construction CONTRACT NO. : PJ. 191/PST/75 LETTER OF CREDIT NO. : 0103/3625			BLACK & VEATCH INTERNATIONAL KANSAS CITY, MISSOURI USA JAKARTA, INDONESIA PERUSAHAAN UMUM LISTRIK NEGARA AGENCY OF MINISTRY OF PUBLIC WORKS AND POWER GOVERNMENT OF REPUBLIC OF INDONESIA SEMARANG STEAM POWER PLANT 100MW (2 x 50MW)				UNITED STATES OF AMERICA A I D LOAN 497 - H - C 24 PROJECT 6104 DRAWING SS - 1					
SHIPPING STATEMENT CUMULATIVE												

SPEC NO.	DESCRIPTION OF MATERIAL	NAME OF VESSEL AND FLAG	BILL OF LADING NO. & DATE	PORT OF EXIT	GROSS WEIGHT LONG TONS	ARRIVAL DATE SEMARANG	DATE DELIVERED AT SITE	INVOICE NO. AND DATE	F.A.S VALUE OF CARGO US \$	TOTAL C.I.F VALUE	COST OF OCEAN FREIGHT	
											A.I.D FUNDS US \$	OTHER FUNDS US \$
C-8H	1 Bx. Oil Deflector 1 Bx Public Address System 1 Bx. Pipe Fitting 2 Bxs Plastic Pipe & Fitting 1 Bx Aluminium Angle 1 Bx Misc. Electrical Supplies 1 Bx Spring Hangers 1 Bx. Sulphuric Acid	SS. Michigan U.S.A. Flag	B-49768A 6 May '78	Seattle U.S.A.	4.37	14 Jun '78	26 Jun '78	SEPE-1135 17 May '78	No Charge	1,767.70	-	1,696.60
C-8H	1 Crt Mobil Paint 1 Crt Unistruct Channel & API Pipe 1 Crt Electrical Supplies 11 Crts Insulation Materials	SS. Empoh	Sem-63 14 Jun '78	Singapore	12.26	21 Jun '78	18 Aug '78	HA-0004 1 Jun '78	No Charge	859.94	-	46.04
C-8H	2 Rls. 2 Cs) Plant Equipment	SS. Kutamulia	14 7 Jul '78	Singapore	0.64	15 Jul '78	8 Aug '78		\$24,456.16	\$24,591.16	-	\$3135.00
C-8H	1 Pkg. Electrical Supplies	SS. Empoh	80 8 Jul '78	Singapore	0.19	13 Jul '78	26 Aug '78	HA-0005 27 Jun '78	No Charge	69.35	-	65.50
C-8H	1 Crt Printed Matter 1 Crt Transformer	SS. Idaho U.S.A. Flag	B-49884-A 28 Jun '78	Sea/San Franc. U.S.A.	0.47	9 Jul '78	28 Sep '78	SEPE-1136 25 Jul '78	No Charge	217.58	-	204.00
C-8H	10 Plts Dry Cell Batteries 2 Crt Pipe Fittings	SS. Wyoming U.S.A. Flag	B-49910-A 12 Jul '78	Seattle U.S.A.	8.54	26 Aug '78	14 Sep '78	SEPE-1138 18 Jul '78	No Charge	1,441.47	-	1,242.97
C-8H	1 Pkg Cadweld 150 Cartridge	SS. King Sun	S/6 19 Jul '78	Singapore	0.08	28 Jul '78	8 Sep '78	HA-0007 13 Jul '78	No Charge	20.67	-	17.40
C-8H	1 Pkg Electrical Supplies, Paints & Function Generator	SS. King Bird	S/5	Singapore	0.55	16 Aug '78		HA-0005A 6 Jul '78	No Charge	64.60	-	60.50
C-8H	5 Pkgs Electrical Supplies & Hardware Items	SS. King Bird	S/4	Singapore	0.35	16 Aug '78	13 Sep '78	HA-0008 27 Jul '78	No Charge	76.40	-	55.00
C-8H	1 Pkg Liner Assembly	SS. Indra Jaya	SMR-7 19 Aug '78	Singapore	0.09	24 Aug '78	23 Sep '78	HA-0009 4 Aug '78	No charge	24.90	-	23.90
C-8H	2 Drms Electrical Cable	SS. King Horse	S/3	Singapore	0.99	9 Aug '78	2 Oct '78	HA-0010 17 Aug '78	No charge	60.50	-	47.80

VENDOR : MNK-INTERNATIONAL LTD, INC. AND E.E. BLACK LTD.
EQUIPMENT : General Construction
CONTRACT NO. : Pj. 191/PST/75
LETTER OF CREDIT NO. : 0103/3625

BLACK & VEATCH INTERNATIONAL
KANSAS CITY, MISSOURI USA JAKARTA, INDONESIA
PERUSAHAAN UMUM LISTRIK NEGARA
AGENCY OF MINISTRY OF PUBLIC WORKS AND POWER
GOVERNMENT OF REPUBLIC OF INDONESIA
SEMARANG STEAM POWER PLANT
100MW (2x 50MW) UNITS 1 AND 2

UNITED STATES OF AMERICA
A.I.D LOAN 497 - H - C24

SHIPPING STATEMENT
CUMULATIVE

PROJECT
6104

DRAWING
SS-1

SPEC NO	DESCRIPTION OF MATERIAL	NAME OF VESSEL AND FLAG	BILL OF LADING NO & DATE	PORT OF ORIGIN	GROSS WEIGHT LONG TONS	ARRIVAL DATE SEMARANG	DATE DELIVERED AT SITE	INVOICE NO. AND DATE	F A S VALUE OF CARGO US \$	TOTAL CIF VALUE	COST OF OCEAN FREIGHT		
											AID FUNDS US \$	OTHER FUNDS US \$	
C-8H	1 Pkg Electrical Items & Paints	SS. King Horse	S/7	Singapore	0.9	29 Aug'78	2 Oct'78	HA-0011 22 Aug'78	No Charge	77.21	-	72.84	
C-8H	1 Box - Plant Equipment 1 Box - Plant Equipment 1 Box - Plant Equipment 1 Box - Plant Equipment	SS. Niaga XI	SEM-116 14 Aug'78	Singapore	0.8	20 Aug'78	13 Sep'78		\$55,348.74	\$55,618.74	-	270.00	
C-8H	5 Pkgs - Plant Equipment	SS. Towuti	SEM-123 6 Sep'78	Singapore	0.92	10 Sep'78	3 Oct'78	HA-0011/A 25 Aug'78	9,832.91	9,904.65	-	71.74	
C-8H	4 Bxs - Plant Equipment	SS. Ikaguri	SEM-151	Singapore	0.43	18 Sep'78	27 Oct'78	HA-0013 7 Sep'78	3,177.63	3,235.03	-	57.40	
C-8H	1 Crt Bushing 1 Crt Light Fixtures	SS. Idaho U.S.A. Flag	B-49996A 25 Sep'78	Sea/San Fran. U.S.A.	0.72	31 Oct'78	24 Nov'78	SEPE-1139 25 Sep'78	No charge	483.09	-	460.55	
C-8H	1 Bx Miscellaneous Equipment	SS. Ikaguri	SEM-158 5 Oct'78	Singapore	0.40	18 Sep'78	27 Oct'78	HA-0014 5 Oct'78	No charge	39.74	-	30.00	
C-8H	5 Pkgs Electrical Wire	SS. Indrajaya	SMR-2 16 Oct'78	Singapore	1.21	28 Oct'78	15 Nov'78	HA-0015 5 Oct'78	No charge	62.30	-	47.00	
C-8H	1 Cx- Plant Equipment	SS. Indrajaya	SMR-9 16 Oct'78	Singapore	0.21	9 Oct'78	10 Nov'78	-	\$689.28	\$759.28	-	\$70.00	
C-8H	3 Crts Iron/Steel Fencing	SS. Arthur Maersk U.S.A. Flag	OAKF-120 18 Oct'78	Oakland U.S.A.	2.78	9 Dec'78		SEPE-1140 18 Oct'78	No Charge	920.87	-	894.72	
C-8H	2 Rls Electrical Wire	SS. Niaga XI	SEM-190 21 Nov'78	Singapore	0.33	1 Dec'78	28 Dec'78	HA-0016 25 Oct'78	No Charge	35.35	-	26.20	
C-8H	1 Pkg-1 Pc Sound Control Glass Panel	SS. Niaga XI	SEM-189 21 Nov'78	Singapore	0.16	1 Dec'78	28 Dec'78	HA-0016A 1 Nov'78	177.00	CEP 203.20	-	26.20	
VENDOR : MNK-INTERNATIONAL LTD., INC. AND E.E. BLACK LTD. EQUIPMENT : General Construction CONTRACT NO : Pj.191/PST/75 LETTER OF CREDIT NO : 0103/3625				BLACK & VEATCH INTERNATIONAL KANSAS CITY, MISSOURI USA PERUSAHAAN UMUM LISTRIK NEGARA AGENCY OF MINISTRY OF PUBLIC WORKS AND POWER GOVERNMENT OF REPUBLIC OF INDONESIA SEMARANG STEAM POWER PLANT 300MW (2 x 50MW)				UNITED STATES OF AMERICA A I D LOAN 497 - 4 - 024 SHIPPING STATEMENT CUMULATIVE				PROJECT 6104 DRAWING SS - 1	

SPEC. NO.	DESCRIPTION OF MATERIAL	NAME OF VESSEL AND FLAG	BILL OF LADING NO. & DATE	PORT OF EXIT	GROSS WEIGHT LONG TONS	ARRIVAL DATE SEMARANG	DATE DELIVERED AT SITE	INVOICE NO. AND DATE	F.A.S VALUE OF CARGO US \$	TOTAL CIF VALUE	COST OF OCEAN FREIGHT		
											AID FUNDS US \$	OTHER FUNDS US \$	
K-2A	33 Bxs- Fisher level Trol Fisher level Controller Strip Charts Glass Thermometer Orifice-T-Handle Wrench Felt washer spar. packg. Control Valves Power actual Butt.Valves Square Root Converter Transmitters Reservoir Separating Chamber In flow Nozzle pipe assy.	SS.Pres Truman U.S.A. Flag	7873 11 Mar '76	Baltimore U.S.A.	8.55	21 May '76	22 Jun '76	Invoice No.5032VA 3 Mar '76	104,182.65	115,924.52	5,360.08	595.57	
K-2A	7 Bxs- Control Valves Transmitter Pressure Transmitter Press.Reducing Valves Pyroton Swaged TC Elem. with access. Synchronizing Panel Westinghouse Voltmeter Westinghouse Synchroscop. Temperature Transmitter Protecting Well Reservoir	SS.Green Harbour U.S.A. Flag	1. 8 Jun '76	Baltimore U.S.A.	0.88	25 Aug '76	12 Oct '76	Invoice No.5032VB 4 May '76	19,574.70	21,132.88	452.89	50.32	
K-2A	1 Box - Prv.w/filter & Gauge,Purg Mater v/Regulator,Flow Nozzle Pipe,Nipples, Reser voir 1 Box - 2 Control Valve 1 Box - 2 Area Meter,1 Adj.Spring Puller,Red Ink caps.,Blue Ink Caps.,Green Ink Caps. 1 Box - Control Valves 1 Box - 4 Control Valves 1 Box - 6 Press.Transmitter 4 D.P Transmitter 4 Controller 4 Temp. Transmitter 4 Protecting Well 4 Switches 2 Springs	SS.Delta Sud U.S.A. Flag	3. 7 Jul '76	Baltimore U.S.A.	1.28	10 Oct '76	23 Oct '76	Invoice No.5032VC 22 Jun '76	27,821.76	29,746.47	395.83	43.98	
VENDOR : Bailey Meter Co. EQUIPMENT : Instrument Equipment CONTRACT NO. : Pj.094/EPT/74 LETTER OF CREDIT NO. : 0103/2974/PL				BLACK & VEATCH INTERNATIONAL KANSAS CITY, MISSOURI USA JAKARTA INDONESIA				UNITED STATES OF AMERICA A.I.D. LOAN 497 M 024				PROJECT 6104	
				PERUSAHAAN UMUM LISTRIK NEGARA AGENCY OF MINISTRY OF PUBLIC WORKS AND POWER GOVERNMENT OF REPUBLIC OF INDONESIA 100 MW(2x 50MW) SEMARANG STEAM POWER PLANT UNITS 1&2				SHIPPING STATEMENT CUMULATIVE				DRAWING SS-1	

SPEC. NO.	DESCRIPTION OF MATERIAL	NAME OF VESSEL AND FLAG	BILL OF LADING NO. & DATE	PORT OF EXIT	GROSS WEIGHT LONG TONS	ARRIVAL DATE SEMARANG	DATE DELIVERED AT SITE	INVOICE NO AND DATE	F.A.S VALUE OF CARGO US \$	TOTAL CIF VALUE	COST OF OCEAN FREIGHT		
											AID FUNDS US \$	OTHER FUNDS US \$	
K-2A	1 Box of 13.3-Valve Manifolds items: 1 Ft. & 2 Ft. - Thru 3 82 Valves 1 Box of 8"X6" VFA 951G00 Control Valve. Ser.No.H 89848 1 Box of 8"X6" VFA 951G00 Control Valve. Ser.No.H 89849 1 Box - 64 Conax Isa Thermocouples 58 " Thermowells 2 Temperature Transmitter 8 Coil Clamps	SS.Green Island U.S.A. Flag	1. 11 Aug '76	Baltimore U.S.A.	1.30	13 Nov '76	6 Dec '76	Invoice No.5032VD 15 Jul '76	24,565.95	26,299.97	424.11	47.12	
K-2A	1 Box 1N4 Type JR 1342A Area Meter Ser.No.799225 item: 2 Ft-5 1 Box 1 Style QAD.331X Panel Item:EP-1 1 Box 1N4 Type JR 1342AX Area Meter Ser.No.799224, item 1 Ft-5 1 Box 4 Nipples 4 Reservoir item: IPE & 2PE-1 2 Type KD1421 Press.Transmitter 1 LGN Speed-D-Max H Record. 25 Chart Rolls 2 Moore Series TCA Dual Alarm Trip Module,Tag;Spares 4 Wizard Controller 4 Regulator	SS.Pres Harisson U.S.A. Flag	UP-NE 5815 19 Sept '76	Portsmouth U.S.A.	0.92	6 Nov '76	23 Nov '76	Invoice No.5032VE 24 Aug '76	12,379.60	13,361.46	280.92	31.21	
K-2A	1 Box-1 Style OS32-312-33X Gas analysis System Cabinet 1 Combust. Analyzer Type NOC 1530 AX Oxygen 1 Indicator Type WM 53A 1 Gas Pump, Washer & Separator Trap Assy. 1 Box 1 Style OS 32-312-33X Gas analysis System Cabinet 1 Indicator WM 53A 1 Type NOC1530A Oxygen (Continued to the next page)	SS.Djatinegara Indonesian Flag	1. 19 Oct '76	Baltimore U.S.A.	1.07	22 Jan '77	25 Feb '77	Invoice No.5032VF 23 Sept '76					
VENDOR : Bailey Meter Co. EQUIPMENT : Instrument Equipment CONTRACT NO : Pj. 094/PST/74 LETTER OF CREDIT NO. : 0103/2074/PL				BLACK & VEATCH INTERNATIONAL KANSAS CITY, MISSOURI USA JAKARTA INDONESIA PERUSAHAAN UMUM LISTRIK NEGARA AGENCY OF MINISTRY OF PUBLIC WORKS AND POWER GOVERNMENT OF REPUBLIC OF INDONESIA 100 MW(2x50MW) SEMARANG STEAM POWER PLANT UNITS 1&2				UNITED STATES OF AMERICA A.I.D. LOAN 497 M 024 SHIPPING STATEMENT CUMULATIVE				PROJECT 6104 DRAWING SS-1	

SPEC NO.	DESCRIPTION OF MATERIAL	NAME OF VESSEL AND FLAG	BILL OF LADING NO. & DATE	PORT OF EXIT	GROSS WEIGHT LONG TONS	ARRIVAL DATE SEMARANG	DATE DELIVERED AT SITE	INVOICE NO AND DATE	FAS VALUE OF CARGO US \$	TOTAL CIF VALUE	COST OF OCEAN FREIGHT	
											AID FUNDS US \$	OTHER FUNDS US \$
K-2A (Cont)	Combustibles Analyzer 1 Gas Pump, Washer & Separator Trap assy. 1 Box-2 Dynatrol Viscosity Detect. 2 Type Flushing FLO - GARD	SS.Djatinegara Indonesian Flag	1. 19 Oct '76	Baltimore U.S.A.	1.07	22 Jan '77	25 Feb '77	Invoice No.5032VF 23 Sept '76	22,445.69	24,249.22	0	590.26
K-2A	1 Box - 4 Control Valves 1 Box - 1 QH Relay Rack 2 Converter 5 Controller 8 Controller 1 Function Generator 3 Hi Select Relay 1 Volume Chamber 1 PR Valve w/filter & gage 1 Lo Select Relay 2 Bias Relay 19 United electric press-switch 3 Controller 2 Controller 2 Hi Select Relay 1 Manual Bias Relay 1 Volume Chamber w/ bleed valve 1 Pressure Switch 2 Solenoid Valve 2 Air Pak filter regulator 2 Function Generator 1 Step Down Transformer 1 Transducer 1 Controller 1 Bleed Tee assy. 1 Box - QH Relay Rack 1 Box - QBA Panel 1 Box - Style Panel 1 Box - 2 Fisher level Controller	SS.Djatinegara Indonesian Flag	1. 26 Nov '76	San Francisco U.S.A.	10.26	22 Jan '77	4 Feb '77	Invoice No.5032VG 26 Oct '76	245,134.40	268,264.54	0	9,740.20
<p>VENDOR : Bailey Meter Co.</p> <p>EQUIPMENT : Instrument Equipment</p> <p>CONTRACT NO : Pj.094/PST/74</p> <p>LETTER OF CREDIT NO : 0103/2974/PL</p>												
<p>BLACK & VEATCH INTERNATIONAL KANSAS CITY, MISSOURI USA JAKARTA INDONESIA</p> <p>PERUSAHAAN UMUM LISTRIK NEGARA AGENCY OF MINISTRY OF PUBLIC WORKS AND POWER GOVERNMENT OF REPUBLIC OF INDONESIA</p> <p>100 MW (2x 50MW) SEMARANG STEAM POWER PLANT UNITS 1 & 2</p>						<p>UNITED STATES OF AMERICA AID LOAN 497 H 024</p> <p>SHIPPING STATEMENT CUMULATIVE</p>				<p>PROJECT 6104</p> <p>DRAWING SS-1</p>		

SPEC NO.	DESCRIPTION OF MATERIAL	NAME OF VESSEL AND FLAG	BILL OF LADING NO & DATE	PORT OF EXIT	GROSS WEIGHT LONG TONS	ARRIVAL DATE SEMARANG	DATE DELIVERED AT SITE	INVOICE NO AND DATE	F A S VALUE OF CARGO US \$	TOTAL CIF VALUE	COST OF OCEAN FREIGHT	
											A I S FUNDS US \$	OTHER FUNDS US \$
K-2A	1 Box - 1 Control Valve CRV-112 1 Box - 1 Control Valve CRV-113 1 Box - 1 Control Valve CRV-212 1 Box - 1 Control Valve CRV-213 1 Box - 2 Nameplates 2 Watthourmeter 1Cp-63 1Cp-77 1 Item 1Cp-130 5 Item 1Cp-166, 1Cp-180, 1Cp-136, 1Cp-138, 1Cp-140 1 Dual Scale 2 Misc. Parts Kit 1 CVE Synch. Check Relay 1 Box - 2 Pyr. Swaged T.C Element with Access. 1 Box - 2 Indicators 2 Bell Assy. 6 Cont. Mercury 2 Access. Pkg 2 Wall Mounting 2 Mount. Bracket 2 Reservoir 1 Box - 50 Chart Rolls 1 Totalizer 4 Thermo Electric Term. Lox 2 Reducing Coupling 2 Gauge Receiver 4 Special Dials 1 Box - 12 Instruction Manuals	SS.Pres.Polk U.S.A. Flag	210155 7 Jun'77	Baltimore U.S.A.	2.24	16 Aug'77	3 Oct'77	5032VH dated 22 Apr'77	29,610.80	30,475.36	646.10	71.79
K-2A	1 Bx - 2 Dry Sample Tube 2 Hydrogen Regulator 1 Bx - 3 SBI Control Switch 2 SB 10 Escutcheon 2 Identification Plate 2 SB 1 Escutcheon 3 SB 1 Switches 6 Term. Elect. Term. Box 71 Taylor Strip Charts 10 Blowdown Valve 148 Red Lens. 132 Green Lens 86 Clear Lens 2 Amber Lens.	SS.Djatiluhur Ind. Flag.	1. 22 Dec'77	Baltimore U.S.A.	0.20	23 Mar'78	7 Apr'78	5032 VI 7 Nov'77	2,038.19	2,137.82	0	90.50
VENDOR : Bailey Meter Co. EQUIPMENT : Control Instrument. CONTRACT NO : PJ.094/PST/74 LETTER OF CREDIT NO : 0103/2974/PL		BLACK & VEATCH INTERNATIONAL KANSAS CITY, MISSOURI, USA JAKARTA, INDONESIA PERUSAHAAN UMUM LISTRIK NEGARA AGENCY OF MINISTRY OF PUBLIC WORKS AND POWER GOVERNMENT OF REPUBLIC OF INDONESIA SEMARANG STEAM POWER PLANT (SCMW 74-501PW) UNITS 1 AND 2				UNITED STATES OF AMERICA A I O LOAN 497 - H - 024			PROJECT 6104 DRAWING SS-1			
SHIPPING STATEMENT CUMULATIVE												

SPEC NO	DESCRIPTION OF MATERIAL	NAME OF VESSEL AND FLAG	BILL OF LADING NO & DATE	PORT OF EXIT	GROSS WEIGHT LONG TONS	ARRIVAL DATE SEMARANG	DATE DELIVERED AT SITE	INVOICE NO AND DATE	F & S VALUE OF CARGO US \$	TOTAL C.I.F VALUE	COST OF OCEAN FREIGHT		
											AID FUNDS US \$	OTHER FUNDS US \$	
K-2A	1 Ctn - 2 Pressure Transmitters	China Airlines	297-14304415	Cleveland	0.03	14 Feb'78	19 Mar'78	5032 VJ 3 Jan'78	446.00	507.99	-	-	
K-2A	1 Ctn. Gage	Air Parcel Post.		Ohio. U.S.A.	-		21 Apr'78	987084 13 Feb'78	No Charge		-	-	
K-2A	3 Bxs Control Equipment-Spare Parts	SS.Haji Agus Salim carried by SS. Anette Maersk	1. 1 Jun'78	New York U.S.A.	0.18	19 Nov'78		5032 VK 22 May'78	19,509.61	19,836.44	0	231.65	
K-2A	1 Lot - Control & Inst. Equip.	Air Parcel Post		Ohio U.S.A.		24 Jul'78	2 Aug'78	5032 VL 22 Jun'78	713.95	751.45	0	35.60	
K-2A	1 Ctn Mercury	Airfreight	131-61651413			25 Aug'78	11 Oct'78	-	No charge		-	-	
K-2A	1 Ctn - reservoir, aux. relay L&N Point selector, switch	Airfreight	SN-CLE 5032 12 Oct'78	Ohio U.S.A.	0.02	17 Oct'78		5032 VM 20 Sep'78	No charge		-	-	
K-2A	15 ea 70-AM1 12VDC 2 ea 70-TFS1 12VDC Printed Circ. Cards	J.A.L.	131-5264652	Kansas City U.S.A.			28 Nov'78	183462 8 Aug'78	578.43				
K-2A	Barton and Level Switches	China Air Lines	297-CLE-1430 4426	Ohio U.S.A.	0.05		7 Dec'78	5032 VN 31 Oct'78	1,316.00	1,605.76	-	284.53	
K-2A	1 Ctn- 4 Way Blowdown Valve	Garuda Indonesian Airlines	131-61651483	Ohio U.S.A.			6 Dec'78	P-605054 11 Sep'78	No Charge		-	-	
<p>VENDOR : Bailey Meter Co. EQUIPMENT : Control Instrument CONTRACT NO : Pj.094/PST/74 LETTER OF CREDIT NO : 0103/2974/PL.</p>													
<p>BLACK & YEATCH INTERNATIONAL KANSAS CITY, MISSOURI USA</p>						<p>JAKARTA, INDONESIA</p>			<p>UNITED STATES OF AMERICA AID LOAN 47-H-024</p>			<p>PROJECT 6104</p>	
<p>PERUSAHAAN UMUM LISTRIK NEGARA AGENCY OF MINISTRY OF PUBLIC WORKS AND POWER GOVERNMENT OF REPUBLIC OF INDONESIA SEMARANG STEAM POWER PLANT (22MAN (2 x SDMA))</p>						<p>UNITS 1 AND 2</p>			<p>SHIPPING STATEMENT CUMULATIVE</p>			<p>DRAWING SS-1</p>	

SPEC NO.	DESCRIPTION OF MATERIAL	NAME OF VESSEL AND FLAG	BILL OF LADING NO. & DATE	PORT OF EXIT	GROSS WEIGHT LONG TONS	ARRIVAL DATE SEMARANG	DATE DELIVERED AT SITE	INVOICE NO. AND DATE	F.A.S. VALUE OF CARGO US \$	TOTAL C.I.F. VALUE	COST OF OCEAN FREIGHT	
											AID FUNDS US \$	OTHER FUNDS US \$
E-10A	1 Skid Oil Circuit Breaker FK-38-35000,2000AMP(2500 MVA)	SS. Green Island U.S.A. Flag	No.1 23 July 1975	Philadelphia U.S.A.	3.88	19 Oct.'75	14 Nov.'75	Invoice No.165911 14 July 1975	23,277.00	95,644.02	14,226.70	1,580.75
	200 Drums Circuit Breaker Oil 1 Crate Oil Circuit Breaker FK-38-22000,1200 AMP(1500 MVA) 3 Crates Oil Circuit Breaker FK-33-22000,1200 AMP(1500 MVA)	"	"	"	50.04	19 Oct.'75	14 Nov.'75	Invoice No.166765 30 July 1975	55,817.00			
E-10A	Item 1A 1 Crate Transformer for secondary unit substation No.1 1 Case Accessories for item 1A 2 Crates Item 1B Transformers for secondary unit substation No.2 2 Cases Acces. for Item 1B 2 Crates Item 2 A Transformers for fuel oil Booste station Sus.Bus.1 2 Cases Access. for Item 2A	SS. Green Island U.S.A. Flag	No.2 26 July '75	Baltimore U.S.A.	16.42	19 Oct.'75	14 Oct.'75	Invoice No.163720 2 July 1975	71,872.00	78,683.68	5,578.47	619.03
E-10A	13 Boxes One lot of Access. 3 Crates const. of control housing lighting arrestors, radiators bushings, fans, hardware, paint & Rubber cement. 1 Box Red label material consisting of 20 glns. finish paint and 1 quart Primer paint Flash point 80 Deg. F. 1/2 Pint Rubber cement 42 Deg. F.	SS. Green Valley U.S.A. Flag	No.2 10 Oct.'75	Baltimore U.S.A.	16.05	7 Jan.'76	8 Mar.'76	Invoice No.176242 15 Sep. 1975	27,524.00	34,579.67	6,175.71	636.19
E-10A	2 Skids Item 2 FIA 1 lot indoor metal clad switch gear for unit 1 (Cont. 8 Cr. Brk) 1 Skid. 3 Circuit Breakers 2 Skids Item 2F2A 1 lot indoor metal clad switch gear for unit 2 (Cont. 8 Cr. Brk) 1 Skid. 2 Cr. Brk. for item 2F2A	SS. Green Valley U.S.A. Flag	No.2 10 Oct.'75	Philadelphia U.S.A.	10.90	7 Jan.'76	8 Mar.'76	Invoice No.178432 26 Sep. 1975	82,773.00			
(Continued to the next page.)												
VENDOR : General Electric Company		BLACK & VEATCH INTERNATIONAL KANSAS CITY, MISSOURI USA				JAKARTA INDONESIA				UNITED STATES OF AMERICA AID LOAN 497-H-024		PROJECT 6104
EQUIPMENT : Electrical Equipment		PERUSAHAAN UMUM LISTRIK NEGARA AGENCY OF MINISTRY OF PUBLIC WORKS AND POWER GOVERNMENT OF REPUBLIC OF INDONESIA				SHIPPING STATEMENT CUMULATIVE				DRAWING SS-1		
CONTRACT NO. : PJ.037/PST/74		100 MW(2x50 MW) SEMARANG STEAM POWER PLANT UNITS 1&2										
LETTER OF CREDIT NO. : 0103/2973/PL												

SPEC. NO.	DESCRIPTION OF MATERIAL	NAME OF VESSEL AND FLAG	BILL OF LADING NO. & DATE	PORT OF EXIT	GROSS WEIGHT LONG TONS	ARRIVAL DATE SEMARANG	DATE DELIVERED AT SITE	INVOICE NO. AND DATE	F.A.S VALUE OF CARGO US \$	TOTAL C.I.F. VALUE	COST OF OCEAN FREIGHT	
											AID FUNDS US \$	OTHER FUNDS US \$
E-10A (Cont.)	1 Pc. Item 2E1A 1 Pc. Oil Circuit Breaker 1 Cs. Accessories for OCB	SS. Green Valley U.S.A. Flag	2 10 Oct. '75	Philadelphia U.S.A.	7.52	7 Jan. '76	8 Mar. '76	176612 17 Sep. '75	49,969.35	142,454.59	8,133.26	903.70
E-10A	4 Crts. Item 2B1A Protective 1 Box Relay panels & Subst. Control panels	SS. Green Valley U.S.A. Flag	7 28 Sep. '75	Norfolk U.S.A.	5.01	7 Jan. '76	6 Apr. '76	178433 26 Sep. '75	123,225.00	127,241.32	3,038.87	337.65
E-10A	Item 2H1A 1 Pc. Generator Transf. for Unit 1 2 Floor Steels for Item 2F1A & 2F2A	SS. Green Valley U.S.A. Flag	1 10 Oct. '75	Baltimore U.S.A.	49.55 0.41	7 Jan. '76 7 Jan. '76	21 Feb. '76 21 Feb. '76	174979 8 Sep. '75 167647 24 July '75	202,610.00 2,796.00	219,552.81	11,494.60	1,277.18
E-10A	239 Drum Circuit Breaker Oil 4 Cases item 2E1A OCB 2 Cases Acces. for OCB item 2E1A	SS Green Valley U.S.A. Flag	1 10 Oct. '75	Philadelphia U.S.A.	78.64	7 Jan. '76	8 Mar. '76	174033 4 Sep. '75	199,877.40	226,268.87	22,747.71	2,527.52
E-10A	6 Crts. Item 1 Lighting Arrestors station type 132 KV 1 Pallet Item 2 Lighting Aresst. station type 21 KV 1 Pallet Item 2 Lighting Arrest. station type 21 KV	SS. Pres. Madison U.S.A. Flag	5032 16 Oct. '75	New York U.S.A.	2.74	23 Dec. '75	1 Jan. '76	181610 10 Oct. '75	16,296.00	17,180.87	697.29	77.49
E-10A	3 Cases Item 2 6 Potential Transf. Model JVS-150	SS. Pres. Monroe U.S.A. Flag	4252 22 Oct. '75	New York U.S.A.	0.82	23 Dec. '75	19 Jan. '76	181609 10 Oct. '75	5,382.00	5,742.38	274.77	30.53
E-10A	18 Crts. Bushing for OCB 2 Pcs. Oil Circuit Breakers 1 Cs. Access. for OCB	SS. Green Valley U.S.A. Flag	1 5 Nov. '75	Philadelphia U.S.A.	22.38	7 Jan. '76	20 Mar. '76	184921 29 Oct. '75	101,533.00	115,762.99	12,280.98	1,364.55
E-10A	31 Cases Bushing for Cir. Brks. 73 Drums Oil for item 2E1A 1 Pc. Item 2E1A OCB 1 Cs. Access. for item 2E1A	SS. Green Valley U.S.A. Flag	4 6 Nov. '75	Baltimore U.S.A.	34.77	24 Dec. '75	9-14 Feb. '76	183387 22 Oct. '75	49,969.35			
(Continued to the next page)												
VENDOR : General Electric Company			BLACK & VEATCH INTERNATIONAL KANSAS CITY, MISSOURI USA * JAKARTA INDONESIA				UNITED STATES OF AMERICA A.I.D. LOAN 497 M 024				PROJECT 6104	
EQUIPMENT : Electrical Equipment			PERUSAHAAN UMUM LISTRIK NEGARA AGENCY OF MINISTRY OF PUBLIC WORKS AND POWER GOVERNMENT OF REPUBLIC OF INDONESIA				SHIPPING STATEMENT CUMULATIVE				DRAWING SS-1	
CONTRACT NO. : PJ.087/PST/74			100 MW(2x 50 MW) SEMARANG STEAM POWER PLANT UNITS 1 & 2									
LETTER OF CREDIT NO. : 0103/2973/PL												

SPEC. NO	DESCRIPTION OF MATERIAL	NAME OF VESSEL AND FLAG	BILL OF LADING NO. & DATE	PORT OF EXIT	GROSS WEIGHT LONG TONS	ARRIVAL DATE SEMARANG	DATE DELIVERED AT SITE	INVOICE NO. AND DATE	FAS VALUE OF CARGO US \$	TOTAL C.I.F. VALUE	COST OF OCEAN FREIGHT		
											AID FUNDS US \$	OTHER FUNDS US \$	
E-10A (Con.)	1 Pc. Item 2H1B Bus Tie Transf.	SS. Green Valley U.S.A. Flag	No.4 6 Nov.'75	Baltimore U.S.A.	59.46	24 Dec.'75	9-14 Feb.'76	Invoice No. 183388 22 Oct.'75	264,450.00	736,404.36	58,123.75	6,458.19	
	1 Pc. Item 2H2A Generator Transf.	"	"	"	49.55	"	"	Invoice No.181816 14 Oct.'75	202,610.00				
	76 Pkgs Substat. Struct. & Acces.	"	"	"	20.72	"	"	Invoice No.175835 11 Sep.'75	116,785.00				
	21 Cases Transformer Parts 1 Case Bus Tie Transf.item 2H1B	"	"	"	20.08	"	"	Invoice No.184231 27 Oct.'75	34,426.00				
E-10A	54 Pkgs Substat. Struct. & Acces.	SS. Green Valley U.S.A. Flag	No.3 8 Nov.'75	Baltimore U.S.A.	42.57	7-9 Feb.'76	13 Feb.'76	Invoice No.184232 27 Oct.'75	80,000.00	113,343.11	11,851.24	1,316.81	
	3 Pkgs Item 2H2A Parts for Generator Transf. for unit 2	"	"	"	10.94	"	"	Invoice No.188622 18 Nov.'75	19,600.00				
E-10A	14 cases Item 2H2A Parts for Generator Transf. for unit 2.	SS. Green Harbour U.S.A. Flag	No.2 9 Dec.'75	Baltimore U.S.A.	5.11	12 Mar.'76	5 Apr.'76	Invoice No.188621 18 Nov.'75	7,924.00	33,065.70	3,287.65	365.30	
	4 Cases Substat. Struct. & Acces.	"	"	"	1.85	"	"	Invoice No.187268 10 Nov.'75	21,300.00				
E-10A	9 Pkgs. Substat. Struct. & Acces	SS Green Island U.S.A. Flag	No.1 9 Dec.'75	Baltimore U.S.A.	6.53	12 Mar.'76	5 Apr.'76	Invoice No.188425 17 Nov.'75	13,500.00	16,246.81	2,377.08	264.12	
E-10A	2 Cases-2 Line Traps Item 2	SS. Green Island U.S.A. Flag	No.3 19 Dec.'75	Baltimore U.S.A.	2.15	12 Mar.'76	5 Apr.'76	Invoice No.192295 8 Dec.'75	24,364.00	25,650.91	1,025.59	113.96	
	2 " 2 Coupling Capacitor Potential Devices with Carrier Access. Item 3												
E-10A	4 " 4 Coupling Capacitor Potential Devices with Carrier Acces. Item 4	SS. Traviata U.S.A. Flag	No.1 24 Dec.'75	New York U.S.A.	0.15	17 Mar.'76	Invoice No.190660 1 Dec.'75	No Charge	101.03	63.00	7.00		
	1 Crate- 2 Line Turner												
E-10A	526 Drums - Transf. oil	SS. King Ville U.S.A. Flag	No.1 13 Jan.'76	New York U.S.A.	107.55	19 Mar.'76	19 Apr.'76	Invoice No.197766 8 Jan.'76	29,797.90	41,962.23	10,741.43	1,193.49	
VENDOR : General Electric Company EQUIPMENT : Electrical Equipment CONTRACT NO. : PJ-087/PST/74 LETTER OF CREDIT NO. : 0103/2973/PL				BLACK & VEATCH INTERNATIONAL KANSAS CITY, MISSOURI USA JAKARTA INDONESIA PERUSAHAAN UDMU LISTRIK NEGARA AGENCY OF MINISTRY OF PUBLIC WORKS AND POWER GOVERNMENT OF REPUBLIC OF INDONESIA 100 MW(2x50 MW) SEMARANG STEAM POWER PLANT UNITS 1&2				UNITED STATES OF AMERICA AID LOAN 497 - H - 024 SHIPPING STATEMENT CUMULATIVE				PROJECT 6104 DRAWING SS-1	

SPEC NO.	DESCRIPTION OF MATERIAL	NAME OF VESSEL AND FLAG	BILL OF LADING NO. & DATE	PORT OF EXIT	GROSS WEIGHT LONG TONS	ARRIVAL DATE SEMARANG	DATE DELIVERED AT SITE	INVOICE NO. AND DATE	F.A.S VALUE OF CARGO US \$	TOTAL C.I.F VALUE	COST OF OCEAN FREIGHT		
											AID FUNDS US \$	OTHER FUNDS US \$	
E-10A	346 Bdl.- Struct. Steel & Access.	SS. Green Harbour U.S.A. Flag	No.2 14 Jan.'76	New Orleans U.S.A.	111.94	12 Mar.'76	5 Apr.'76	Invoice No.199374 16 Jan.'76	215,604.00	234,926.56	16,345.75	1,816.19	
E-10A	4 Pkgs.- Switch gear for units 1&2 6 Pkgs.-Indoor load center unit Subst. for units 1&2 -Fuel oil booster Stat. SVS Nos. 1&2.	SS. Green Harbour U.S.A. Flag	No.1 13 Feb.'76	Baltimore U.S.A.	17.19 7.87	29 May '76 29 May '76	31 May '76 1 Jun.'76	Invoice No.201430 20 Jan.'76 Invoice No.201431 29 Jan.'76	151,439.00 91,165.00	261,529.41	15,872.06	1,763.56	
E-10A	7 Cases-Potential Transformer	SS. Green Harbour U.S.A. Flag	No.1 6 Apr.'76	Baltimore U.S.A.	5.05	25 Jun.'76	27 Jun.'76	Invoice No.207334 27 Feb.'76	29,184.00	30,295.51	843.48	93.72	
E-10A	2 Bdl.- Substation Structural	SS. Green Harbour U.S.A. Flag	No.2 3 Apr.'76	New Orleans U.S.A.	0.77	25 June'76	5 Aug.'76	Invoice No.209937 15 Mar.'76	No Charge	114.06	79.52	8.83	
E-10A	3 Cases- 3 Potential Transfs.	SS. Pres.Roosevelt U.S.A. Flag	No.4212 2 Jun.'76	New Ybrk U.S.A.	2.52	8 Aug.'76	21 Sep'76	Invoice No.224052 25 May '76	14,592.00	15,220.86	474.46	52.72	
E-10A	2 Skids. Switch Gear	SS. Phemius U.S.A. Flag	No.1 9 Jul.'76	New York U.S.A.	0.49	24 Aug.'76	12 Oct '76	Invoice No.227910. 14 Jun.'76	3,174.00	3,697.53	429.47	47.72	
E-10A	2 Crts } 3 Cs. } Transformer Parts 2 Pkts }	SS. Delta Sud U.S.A. Flag	No.2 17 Jul.'76	Baltimore U.S.A.	30.19	10 Oct.'76	23 Oct '76	Invoice No.230114 Invoice No.230115 25 Jun.'76	71,533.00 3,639.00	88,089.06	11,215.82	1,246.20	
E-10A	3 Bdl. } 2 Drums } Turbine Parts	SS. Green Island U.S.A. Flag	No.2 16 Aug.'76	Philadelphia U.S.A.	3.14	13 Nov.'76	6 Dec.'76	Invoice No.234896 26 Jul.'76	4,300.00	5,047.81	625.42	69.49	
E-10A	1 Crt Transformer 1 Crt " Parts 1 Bx "	SS. Delta Sud U.S.A. Flag	No.1 21 Aug.'76	New Orleans U.S.A.	16.33	10 Oct.'76	29 Oct.'76	Invoice No.233211 14 Jul.'76	34,861.00	39,724.51	4,177.73	464.19	
E-10A	18 Cs. Control Centers for Turbine	SS. Pres. Eisenhvr. U.S.A. Flag	UP-6305 4 Oct.'76	Portsmouth U.S.A.	7.92	8 Dec.'76	21 Dec '76	Invoice No.247378 4 Oct.'76	90,316.00	94,503.61	3,331.99	370.22	
VENDOR : General Electric Company EQUIPMENT : Electrical Equipment CONTRACT NO. : PJ.087/PST/74 LETTER OF CREDIT NO. : 0103/2973/PL				BLACK & VEATCH INTERNATIONAL KANSAS CITY, MISSOURI USA PERUSAHAAN UMUM LISTRIK NEGARA AGENCY OF MINISTRY OF PUBLIC WORKS AND POWER GOVERNMENT OF REPUBLIC OF INDONESIA 100 MW (2 x 50 MW) SEMARANG STEAM POWER PLANT UNITS 1&2				UNITED STATES OF AMERICA AID LOAN 497 - H - 024 SHIPPING STATEMENT CUMULATIVE				PROJECT 6104 DRAWING SS-1	

SPEC. NO	DESCRIPTION OF MATERIAL	NAME OF VESSEL AND FLAG	BILL OF LADING NO. & DATE	PORT OF EXIT	GROSS WEIGHT LONG TONS	ARRIVAL DATE - SEMARANG	DATE DELIVERED AT SITE	INVOICE NO. AND DATE	F.A.S VALUE OF CARGO US \$	TOTAL CIF VALUE	COST OF OCEAN FREIGHT		
											AID FUNDS US \$	OTHER FUNDS US \$	
E-10A	19 Cs. Motor Control Centers	SS. Pres. Roosevelt U.S.A. Flag	NY-SO-4420 4 Nov. '76	New York U.S.A.	9.30	7 Jan '77	2 Feb '77	251699 28 Oct. '76	124,682.00	130,699.14	4,823.65	535.96	
E-10A	2 Crts } 2 Crts } 2 Crts } 2 Crts } Bus Duct Assemblies	SS. Zoella Lykes U.S.A. Flag	47. 5 Jan '77	New Orleans U.S.A.	16.96	26 Jun '77	12 Jul '77	264577 17 Jan '77	49,545.50	69,348.81	17,447.82	1,903.00	
E-10A	2 Crts } 2 Crts } 2 Crts } 2 Crts } 1 Crt } 1 Crt } Isolated phase Bus Duct	SS. Letitia Lykes U.S.A. Flag	3 9 Feb '77	New Orleans U.S.A.	13.04	15 May '77	22 Jun '77	264375 14 Jan '77	49,545.50	61,152.21	10,193.43	1,132.60	
E-10A	1 Case Turbine Components for Replacement of damaged Motor Control Centers	SS. Pres. Polk U.S.A. Flag	162655 7 Jun '77	Charleston U.S.A.	0.3	16 Aug '77	14 Oct '77	286705 27 May '77	No Charge				
E-10A	1 Cs) 1 Crt) Capacitors	SS. Pres. Monroe U.S.A. Flag	161030 14 Apr '77	Norfolk U.S.A.	0.63	23 May '77	1 Nov '77	276740 30 Mar '77	No Charge	264.63	173.92	19.52	
E-10A	1 Skd) 1 Cs) Circuit Breakers	SS. Pres. Roosevelt U.S.A. Flag	161289 14 Apr '77	New York U.S.A.	2.78	9 Jun '77	Nov '77	277955 6 Apr '77	No Charge	1,916.49	1,474.24	165.80	
E-10A	669 Pcs Heaters.	Indrasakti ex A.P. 04755	SHR - 10	Singapore	0.08	12 Dec '77	18 Jan '78	309621 7 Oct '77	No Charge.				
E-10A	1 Ctn - 2 Adapter Kits	K.L.M.	074-27237700 12 Jan '78	New York U.S.A.	0.01	17 Feb '78	19 Mar '78	325363 9 Jan '78	No Charge				
E-10A	1 Pkg Elect. Equipment 1 Pkg Elect. Equipment	SS. Pres. Polk U.S.A. Flag	166402 9 Feb '78	New York U.S.A.	0.07 0.03			327293 19 Jan '78 327294 19 Jan '78	6,130.17 1,175.45				
				Cont'd to the next Page									
VENCOR : General Electric Company EQUIPMENT : Electrical Equipment CONTRACT NO. : PJ.087/PST/74 LETTER OF CREDIT NO : 0103/2973/PL				BLACK & VEATCH INTERNATIONAL KANSAS CITY, MISSOURI USA JAKARTA INDONESIA PERUSAHAAN UMLM LISTRIK NEGARA AGENCY OF MINISTRY OF PUBLIC WORKS AND POWER GOVERNMENT OF REPUBLIC OF INDONESIA 100 MW(2x 50MW) SEMARANG STEAM POWER PLANT UNITS 1&2				UNITED STATES OF AMERICA A.I.D. LOAN 697 M 024 SHIPPING STATEMENT CUMULATIVE				PROJECT 6104 DRAWING SS-1	

SPEC NO.	DESCRIPTION OF MATERIAL	NAME OF VESSEL AND FLAG	B/L OF LADING NO. & DATE	PORT OF EXIT	GROSS WEIGHT LONG TONS	ARRIVAL DATE SEMARANG	DATE DELIVERED AT SITE	INVOICE NO. AND DATE	F.A.S VALUE OF CARGO US \$	TOTAL C.L.F VALUE	COST OF OCEAN FREIGHT	
											A.I.D FUNDS US \$	OTHER FUNDS US \$
E-10A (Cont'n)	1 Ctn Elect. Equipment 1 Ctn Elect. Equipment 1 Cs " 1 Cs " 1 Ctn "				0.01 0.01 0.05 0.09 0.001	22 May'78	12 Jun'78	327295 19 Jan'78 327296 19 Jan'78 327297 19 Jan'78 327298 19 Jan'78 327299 19 Jan'78	135.59 367.42 1,124.61 3,833.44 386.64	13,153.32	151.49	26.82
E-10A	1 Pkg- 3 Brass Terminal Caps 9 Gasket	Japan Air Lines	131-61405455	New York U.S.A.	0.01	27 Mar'78	27 Mar'78	329006 1 Feb'78	41.00	411.00		
E-10A	1 Pkg-2 Ammeter Switches 1 Control Switch 1 Pkg - 1 Liq. Temp. Gage 1 Lot. Flex. Conn. 1 Pkg - 1 Motor Drive, 1 Motor Capacitor, 1 TR SN M 1002 47 1 Pkg Glass Cover 1 Pkg- 2 Removable Covers	Japan Air Lines	131-61405456	New York U.S.A.	0.004 0.01 0.001 0.001 0.003	27 Mar'78	27 Mar'78	328768 31 Jan'78 334692 3 Mar'78 332870 23 Feb'78 332869 23 Feb'78 328767 31 Jan'78	118.00 500.00 21.60 4.30 22.00	812.30		
E-10A	5 Crts Transformer Parts	SS. Pres Monroe U.S.A. Flag	170505 15 Apr'78	Oakland U.S.A.	1.01	20 Jun'78	30 Jun'78	342077 12 Apr'78	6,991.56	7,717.92	621.90	69.10
E-10A	1 Pkt. Motor Control Parts 1 Cs Transformer Parts 1 Crt) Transformer Parts 1 Pkt.)	SS. Pres. Monroe U.S.A. Flag	170500 15 Apr.78	Oakland U.S.A.	0.09 0.1 0.43	20 Jun'78	30 Jun'78	340054 31 Mar'78 339745 30 Mar'78 339744 30 Mar'78	2,624.50 3,608.32 3,550.71	10,323.34	390.87	43.43
E-10A	1 Cs Capacitor Modules	SS. Pres. Polk U.S.A. Flag	221054 13 Jun'78	Norfolk U.S.A.	0.61	24 Aug'78	28 Aug'78	605028 24 May'78	No Charge			

VENDOR : General Electric Co.
EQUIPMENT : Electrical Equipment
CONTRACT NO. : PJ.087/PST/74
LETTER OF CREDIT NO. : 0103/2973/PL

BLACK & VEATCH INTERNATIONAL
KANSAS CITY, MISSOURI USA JAKARTA, INDONESIA
PERUSAHAAN UMUM LISTRIK NEGARA
AGENCY OF MINISTRY OF PUBLIC WORKS AND POWER
GOVERNMENT OF REPUBLIC OF INDONESIA
SEMARANG STEAM POWER PLANT
100MW (2 x 50MW) UNITS 1 AND 2

UNITED STATES OF AMERICA
A.I.C LOAN 497 - M - C24

SHIPPING STATEMENT
CUMULATIVE

PROJECT
6104
DRAWING
SS - 1

SPEC NO.	DESCRIPTION OF MATERIAL	NAME OF VESSEL AND FLAG	BILL OF LADING NO & DATE	PORT OF EXIT	GROSS WEIGHT LONG TONS	ARRIVAL DATE SEMARANG	DATE DELIVERED AT SITE	INVOICE NO AND DATE	F A S VALUE OF CARGO US \$	TOTAL CIF VALUE	COST OF OCEAN FREIGHT	
											AID FUNDS US \$	OTHER FUNDS US \$
E-10A	1 Cs- Bus Support Connectors Term. Connectors Weld Angle Tee Connectors MIT.15	K.L.M.	074-28254074	New York U.S.A.	0,09	20 Jul'78	19 Aug'78	605194 21 Jun'78	No Charge		-	-
E-10A	1 Ctn Heater	K.L.M.	074-28254122	New York U.S.A.			19 Aug'78	605340 10 Jul'78	No Charge		-	-
E-10A	1 Ctn Flex. Connectors	K.L.M.	074-28254144	New York U.S.A.	0,02	18 Jul'78	19 Aug'78	605341 10 Jul'78	No Charge		-	-
E-10A	Electro Switch Coils	K.L.M.	074-28254306	New York U.S.A.				322671 19 Jul'78	No Charge		-	-
E-10A	Relay Coils	K.L.M.	074-28254516	New York U.S.A.	0.001	26 Jul'78	11 Oct'78	605644 8 Aug'78	No Charge		-	-
E-10A	Coils for Lockout Relays	K.L.M.	074-28254505	New York U.S.A.			25 Aug'78	605607 3 Aug'78	No Charge		-	-
E-10A	Printed Circuit Cards	J.A.L.	131-62664652				28 Nov'78		No Charge		-	-
E-10A	1 Cs Turbine Parts 2 Cs Turbine Parts	SS.Pres. Madison U.S.A. Flag	172566 3 Aug'78	New York U.S.A.	0.52	26 Sep'78	18 Oct'78	352233 7 Jun'78 353029 9 Jun'78	1.748,60 8.727,34	10.966,16	395.41	43.94
E-10A	1 Pkg Breaker Control Switch	K.L.M.	074-28254623	New York U.S.A.	0.003	11 Sep'78	25 Sep'78	364076 15 Aug'78	42.00	84.22	19.80	2.20
E-10A	1 Cs Turbine Parts 1 Crt Turbine Parts 1 Ctn Turbine Parts	SS.Pres. Pierce U.S.A Flag	173495 19 Aug'78	New York U.S.A.	0.55			362274 3 Aug'78 359080 14 Jul'78 356708 29 Jun'78	0 0 106.64	0 0 171.30	-	-
E-10A	3 Pkgs Paints & Flammable Liquids	K.L.M.	074-28254704	New York	0.01	9 Oct'78	1 Nov'78	365557 24 Aug'78	232.28	321.89	0	89.61

VENDOR : General Electric Co.
EQUIPMENT : Electrical Equipment
CONTRACT NO. : Pj.087/PST/74
LETTER OF CREDIT NO. : 0103/2973/PL

BLACK & VEATCH INTERNATIONAL
KANSAS CITY, MISSOURI USA JAKARTA, INDONESIA
PERUSAHAAN UMUM LISTRIK NEGARA
AGENCY OF MINISTRY OF PUBLIC WORKS AND POWER
GOVERNMENT OF REPUBLIC OF INDONESIA
SEMARANG STEAM POWER PLANT
100MW (2 x 50MW) UNITS 1 AND 2

UNITED STATES OF AMERICA
A.I.D LOAN 497 - M - C74

SHIPPING STATEMENT
CUMULATIVE

PROJECT
6104
DRAWING
SS-1

SPEC NO.	DESCRIPTION OF MATERIAL	NAME OF VESSEL AND FLAG	BILL OF LADING NO & DATE	PORT OF EXIT	GROSS WEIGHT LONG, TONS	ARRIVAL DATE SEMARANG	DATE DELIVERED AT 'SITE	INVOICE NO AND DATE	F A S VALUE OF CARGO US \$	TOTAL CIF VALUE	COST OF OCEAN FREIGHT	
											A I D FUNDS US \$	OTHER FUNDS US \$
E-10A	1 Cs - LTC Motor for Transformer	K.L.M.	074-28254822	New York U.S.A.	0.02	9 Oct'78	4 Nov'78	367975 8 Sep'78	301.00	418.86	0	95.83
E-10A	1 lot - 8 relays 8 motor nameplates 8 coils	K.L.M.	074-28254612	New York U.S.A.	0.16			605645 8 Aug'78	No Charge		-	-
E-10A	1 pkg - 1 gas sampling devices & valve 1 fault pressure relay	K.L.M.	074-28254892	New York U.S.A.	0.004		4 Nov'78	369381 15 Sep'78	529.03	575.07	0	23.37
E-10A	1 Ctn- Trip Coil	K.L.M.	074-28247030	New York U.S.A.		10 Oct'78	30 Oct'78	373111 5 Oct'78	No charge		-	-
E-10A	1 Ctn - Ammeter Switch	K.L.M.	074-28247096	New York U.S.A.			16 Nov'78	373479 10 Oct'78	No charge		-	-
E-10A	1 Cs Coupling Capacitor	K.L.M.	074-28247133	New York U.S.A.	0.35		28 Nov'78	374206 13 Oct'78	No charge		-	-
E-10A	1 Pkg Connector grounding pieces	K.L.M.	074-28254811	New York U.S.A.	0.01		4 Nov'78	367375 5 Sep'78	No charge		-	-
E-10A	Key Interlocks	K.L.M.	074-28254973	New York U.S.A.	0.05		4 Nov'78	371051 26 Sep'78	300.00	353.37	0	53.37
E-10A	1 Pkgs Neutral Bushing 2 Pkgs Bushing (Gray)	SS. Pres.Harrison	174-696 28 Oct'78	New York U.S.A.	0.16			369370 15 Sep'78 364996 22 Aug'78	290.86 2,629.20	6,527.60	164.29	18.25
E-10A	1 Pkg Contractor for Transformer 1 Pkg Thyrite Stacks 1 Pkg Liquid Flow Assy.	K.L.M.	074-28247214	New York	0.008			376322 26 Oct'78 376564 27 Oct'78 376323 26 Oct'78	144.00 246.96 191.00	665.91	75.55	8.40
VENDOR : General Electric Co. EQUIPMENT : Electrical Equipment CONTRACT NO : PJ.087/PST/74 LETTER OF CREDIT NO : 0103/2973/PL			BLACK & VEATCH INTERNATIONAL KANSAS CITY, MISSOURI USA PERUSAHAAN UHUM LISTRIK NEGARA AGENCY OF MINISTRY OF PUBLIC WORKS AND POWER GOVERNMENT OF REPUBLIC OF INDONESIA SEMARANG STEAM POWER PLANT 100MW (2 x 50MW)				UNITED STATES OF AMERICA A I D LOAN 497 - H - C24 SHIPPING STATEMENT CUMULATIVE				PROJECT 6104 DRAWING SS-1	

SPEL NO	DESCRIPTION OF MATERIAL	NAME OF VESSEL AND FLAG	BILL OF LADING NO & DATE	PORT OF ORIGIN	GROSS WEIGHT LONG TONS	ARRIVAL DATE	DATE OF DEPARTURE	INVOICE NO AND DATE	F A S VALUE OF TANKED US \$	TOTAL CIF VALUE	COST OF OCEAN FREIGHT	
											AID FUNDS US \$	OTHER FUNDS US \$
E-10A	1 Ctn Flexible Braid	K.L.M.	074-28247262	New York U.S.A.				378206 3 Nov'78	299.01	744.61	0	45.60
E-10A	1 Pkg Push Button Control 1 Ctn Spring Charging Motors Tank Breathers Control Switch Assy. Seal Beads MTG Hardware	K.L.M.	074-28247310	New York U.S.A.	0.02			378835 8 Nov'78 378200 3 Nov'78	No Charge		-	-
E-10A	1 Crt Coupling Capacitors	K.L.M.	074-28247332	New York U.S.A.	0.32			378842 8 Nov'78	No charge		-	-
E-10A	1 Pkg - Magnet & Chain Assemblies	K.L.M.	074-28247446	New York U.S.A.				382602 29 Nov'78	45.40	CFB 89.62	0	44.22
<p> VENDOR: General Electric Co. EQUIPMENT: Electrical Equipment CONTRACT NO: Pj.087/PST/74 LETTER OF CREDIT NO: 0103/2973/PL </p>												
<p> BLACK & VEATCH INTERNATIONAL KANSAS CITY, MISSOURI USA </p>						<p> PERUSAHAAN UMUM LISTRIK AGENCY OF MINISTRY OF PUBLIC WORKS & POWER GOVERNMENT OF REPUBLIC OF INDONESIA SEMERANG STEAM POWER PLANT </p>			<p> UNITED STATES OF AMERICA - 10 LOAN - 457 - 1000 </p>			
<p> SHIPPING STATEMENT CUMULATIVE </p>											<p> 604 SS-1 </p>	

SPEC. NO.	DESCRIPTION OF MATERIAL	NAME OF VESSEL AND FLAG	BILL OF LADING NO. & DATE	PORT OF EXIT	GROSS WEIGHT LONG TONS	ARRIVAL DATE SEMARANG	DATE DELIVERED AT SITE	INVOICE NO AND DATE	F A S VALUE OF CARGO US \$	TOTAL CIF VALUE	COST OF OCEAN FREIGHT		
											AID FUNDS US \$	OTHER FUNDS US \$	
M-10A	1 Pc - Assembled Generator	SS Green Harbour U.S.A. Flag	No.2 6 Apr. '76	Baltimore U.S.A.	113.78	25 Jun. '76	29 Jul '76	Invoice No.205500 20 Feb. '76	725,000.00	2,107,730.36	58,500.00	6,500.00	
	1 Case-Turbine Sole plate Assemb. grout plugs & Jacking bolt, grout plugs etc.				7.84				Invoice No.205501 20 Feb. '76				56,143.00
	2 Cases-Generator Hydrogen Cooler 1 Crate-Turbine Oil Conditioner				58.49				Invoice No.207331 27 Feb. '76				1,015,798.00
	1 Case-Turbine regulator steam seal				4.72				Invoice No.207330 27 Feb. '76				51,283.86
	1 Pc.-Assembled Turbine				1.27				Invoice No.207332 27 Feb. '76				4,087.36
	1 Skid-Excitation Cubicles.				3.99				Invoice No.207329 27 Feb. '76				9,995.80
	2 Cases-Anchor bolts for Unit 1&2				20.46				Invoice No.208764 8 Mar. '76				106,385.84
	3 Cases-Saturation Current Transf.				1.85				Invoice No.208765 8 Mar. '76				12,512.24
	2 Cases-Parts for Turbine One				4.74				Invoice No.209357 30 Mar. '76				51,283.86
	1 Case-Parts for Turbine One & generator one												
	1 Case-Stop Valve Unit one Gen.												
	2 Cases-Parts for Unit two Turb. and generator												
	2 Cases-Sole Plates Unit two turb. and generator												
	1 Case-Stop Valve for unit 2 Turb. 1 Case-Flexible support for Unit one Turbine												
	2 Cases- Parts for unit one Turb. and Generator.												
1 Box-Parts for generator Unit 1													
1 Skid-Collector housing for unit 1 generator													
1 Bdl-Pipe assembl.for unit 1 Gen.													
1 Pkg-Unit two excitation Cubicle													
1 Pkg-Unit two Excit. Cubicles													
VENDOR : General Electric Company	BLACK & VEATCH INTERNATIONAL KANSAS CITY, MISSOURI USA JAKARTA INDONESIA		UNITED STATES OF AMERICA A.I.D. LOAN 497 H 024		PROJECT 6134								
EQUIPMENT : Turbine Generator	PERUSAHAAN UMLM LISTRIK NEGARA AGENCY OF MINISTRY OF PUBLIC WORKS AND POWER GOVERNMENT OF REPUBLIC OF INDONESIA		SHIPPING STATEMENT CUMULATIVE		DRAWING SS-1								
CONTRACT NO : Pj. 086/PST/74	100 MW(2x 50MW) SEMARANG STEAM POWER PLANT UNITS 1 & 2												
LETTER OF CREDIT NO. : 0103/2972/PL													

SPEC NO.	DESCRIPTION OF MATERIAL	NAME OF VESSEL AND FLAG	BILL OF LADING NO. & DATE	PORT OF EXIT	GROSS WEIGHT LONG TONS	ARRIVAL DATE SEMARANG	DATE DELIVERED AT SITE	INVOICE NO AND DATE	F A S VALUE OF CARGO US \$	TOTAL CIF VALUE	COST OF OCEAN FREIGHT	
											AID FUNDS US \$	OTHER FUNDS US \$
M-10A	1 Case-Bushing for unit one Gen. 1 Case- Relay, Transf for unit 1 Turbine 1 Case-Relay,transf for unit 2 Trb.	SS. Green Island U.S.A. Flag	No.2 21 May '76	Baltimore U.S.A.	7.52	21 Jul. '76 9 & 21 Aug.	11 Nov '76	Invoice No.214891 6 Apr. '76	45,443.26			
	1 Case-Two sleeves for unit 1 Trb. 1 Case-Bushing for unit two Gen. 2 Cases-Two cooler half for unit two generator. 2 Cases-Parts for units 1&2 trb. and generator. 1 Pc.-Assembled trbine.	"	"	"	58.16			Invoice No.212720 26 Mar. '76	1,015,798.00			
	2 Cases-Hydrogen control cabinet test resister, Merrian Fluid pressure tester for unit one and two generator. 3 Cases-3 Section of saturation current transf. for unit two gen.	"	"	"	4.58			Invoice No.212700 26 Mar. '76	57,201.84			
	1 Pc. -Assembled Generator	"	"	"	117.31			Invoice No.215315 8 Apr. '76	725,040.00			
	4 Cases-Parts for Trb & Gen unit 1 and 2 2 Pcs-Units 1 & 2 trb. steam line 1 Case-Unit one Gen.Brackett 1 Bdl-Unit one turbine pipe	"	"	"	9.89			Invoice No.218430 27 Apr. '76	63,351.96			
	5 Cases-Parts for Unit 1&2 trb and generator 2 Crates-Saturation currt. Transf encls. for unit 1 & 2 Gen. 1 Skid-Oil tank assemb. for unit 1 turbine.	"	"	"	14.13			Invoice No.218429 27 Apr. '76	149,489.68	2,394,726.90	72,537.97	8,615.33
	2 Cases-Potential Power Transf. for units 1 & 2 Generator 2 Drums-Caustic Potash 1 Pc. -Stogare Tank 1 Case-2Saddles for storage tank 1 Case-Rectifier 1 Case-Gas generating system insulators, Cap screw hydrogen vent pipe etc.	"	"	"	5.09			Invoice No.218431 27 April '76	21,978.04			
		"	"	"	15.09			Invoice No.217300 21 Apr. '76	67,487.02			
(Continued to the next page)												
VENDOR : General Electric Company			BLACK & VEATCH INTERNATIONAL KANSAS CITY, MISSOURI USA JAKARTA INDONESIA				UNITED STATES OF AMERICA A.I.D LOAN 497 N 024				PROJECT 6104	
EQUIPMENT : Turbine Generator			PERUSAHAAN UMUM LISTRIK NEGARA AGENCY OF MINISTRY OF PUBLIC WORKS AND POWER GOVERNMENT OF REPUBLIC OF INDONESIA				SHIPPING STATEMENT CUMULATIVE				DRAWING SS-1	
CONTRACT NO : Pj.086/PST/74			100 MW(2x 50MW) SEMARANG STEAM POWER PLANT UNITS 1&2									
LETTER OF CREDIT NO. : 0103/2973/PL												

SPEC. NO	DESCRIPTION OF MATERIAL	NAME OF VESSEL AND FLAG	BILL OF LADING NO. & DATE	PORT OF EXIT	GROSS WEIGHT LONG TONS	ARRIVAL DATE SEMARANG	DATE DELIVERED AT SITE	INVOICE NO AND DATE	FAS VALUE OF CARGO US \$	TOTAL CIF VALUE	COST OF OCEAN FREIGHT	
											AID FUNDS US \$	OTHER FUNDS US \$
M-10A (con.)	2 Cases-Parts for trbn. & Generator Lagging, angles, grating & Hardware	SS. Green Island U.S.A. Flag	No. 2	Baltimore U.S.A.	6.53	21 Jul. '76		Invoice No. 214432 27 Apr. '76	29,680.00			
	4 Pkgs-Parts for Trbn. & Gen Unit 2 1 Pc.-Steam Piping Assemb. for Unit 2 Trbn. 2 Cases-Parts for trbn. & Gen Unit 2 1 Pc- Oil Tank Assemb. for unit 2 Turbine	"	"	"	8.08	21 Aug. '76		Invoice No. 219359 30 Apr '76	121,518.40			
M-10A	1 Case- Parts for Gen. Unit 2 1 Bdl.-Piping assemb. for Gen. Unit 2 1 Skid-Collector Housing for Gen. Unit 2	SS. Green Island U.S.A. Flag	No. 3 26 May '76	Baltimore U.S.A.	1.94	19 Jul. '76	31 Aug '76	Invoice No. 222179 17 June '76	13,992.00	16,760.90	2,393.86	265.98
M-10A	1 Case-Parts for Unit 1 Trbn. 1 Case-Parts for Unit 2 Trbn. 1 Case-Parts for Unit 1 Trbn. DC. Motor, AC Motor, Pliers 1 Case-Parts for Unit 2 Trbn. Spare Seals, DC. Motor and coupling, AC Motor, Weld rings 2 Cases-Adapter for drain seal piping Units 1&2 Turbine.	SS. Pres. Roosevelt U.S.A. Flag	No. 4264 11 June '76	New York U.S.A.	2.31	8 Aug. '76	21 Sep '76	Invoice No. 225489 5 June '76	185,000.00			
M-10A	1 Cs Turbine Parts 1 Cs Flammable Liquid-Rust Ban Paint 17 Pits Insulation materials 1 Ctn) 1 Pc.) Turbine Parts 8 Cs.) 1 Crt)	SS. Green Island USA Flag	No. 3 16 Aug '76	Philadelphia U.S.A.	11.10	13 Nov '76	6 Dec '76	Invoice No. 232575 9 Jul. '76 Invoice No. 234481 22 Jul. '76 Invoice No. 234895 26 Jul. '76	12,000.00 0 2,684.88	19,993.12	4,651.12	516.79
M-10A	4 Cs) 7 Ctns) Turbine Parts 1 Crt) 1 Balle)	SS. Pres Eisenhower U.S.A. Flag	NYSP 4388 9 Dec '76	New York U.S.A.	2.79	14 Feb '77	12 Mar '77	Invoice No. 255544 11 Sep '76	* No Charge F.O.B. price has been billed in the previous invoice			

VENDOR: General Electric Company
EQUIPMENT: Turbine Generator
CONTRACT NO: Pj. 086/PST/74
LETTER OF CREDIT NO: 0103/2973/PL

BLACK & VEATCH INTERNATIONAL
KANSAS CITY, MISSOURI USA JAKARTA INDONESIA
PERUSAHAAN UMUM LISTRIK NEGARA
AGENCY OF MINISTRY OF PUBLIC WORKS AND POWER
GOVERNMENT OF REPUBLIC OF INDONESIA
100 MW (2x 50MW) SEMARANG STEAM POWER PLANT UNITS 1 & 2

UNITED STATES OF AMERICA
A.I.D. LOAN 497 M 024

SHIPPING STATEMENT
CUMULATIVE

PROJECT
6104
DRAWING
SS-1

SPEC. NO.	DESCRIPTION OF MATERIAL	NAME OF VESSEL AND FLAG	BILL OF LADING NO. & DATE	PORT OF EXIT	GROSS WEIGHT LONG TONS	ARRIVAL DATE SEMARANG	DATE DELIVERED AT SITE	INVOICE NO. AND DATE	F.A.S VALUE OF CARGO US \$	TOTAL CIF VALUE	COST OF OCEAN FREIGHT		
											AID FUNDS US \$	OTHER FUNDS US \$	
M-10A	2 Pkts Insulation Materials 14 Ctns) 1 Crt) Turbine Parts 3 Cs) 2 Skds)	SS. Pres. Roosevelt U.S.A. Flag	4224 CFS 26 Jan '77	New York U.S.A.	2.30	19 Mar '77	21 Apr '77	261970 28 Dec '76 262650 30 Dec '76	-	1,621.89	1,405.40	156.16	
M-10A	6 Skids Cement for replacement	SS. Pres. Monroe U.S.A. Flag	162358 15 Jun '77	New York U.S.A.	1.63	18 Aug '77	17 Oct '77	286704 27 May '77	No Charge	-	-	-	
M-10A	1 Cs Plant Equipment of short-shipped shipment # 33	SS. Empoh Ind. Flag	SEM-11 25 Jul '77	Singapore	0.54	30 Jul '77	29 Sep '77	293152 1 Jul '77	No Charge	-	-	-	
M-10A	1 Cs Instruction Book of short-shipped shipment # 32	SS. Empoh Ind. Flag	SEM-13 25 Jul '77	Singapore	0.16	30 Jul '77	29 Sep '77	292483 29 Jun '77	No Charge	-	-	-	
M-10A	1 Cs Plant Equipment of replacement shipment # 2 and # 3	SS. Empoh Ind. Flag	SEM-14 25 Jul '77	Singapore	0.05	30 Jul '77	27 Oct '77	291000 21 Jun '77 291001 21 Jun '77	No Charge	-	-	-	
M-10A	1 Ctn) Turbine Components of 2 Cs) short shipped shipment #29	SS. Pres. Eisenhr. U.S.A. Flag	162183 19 May '77	New York U.S.A.	0.23	19 Jul '77	14 Oct '77	279644 15 Jun '77	No Charge	-	-	-	
M-10A	6 Cs Turbine Parts	SS. Pres. Roosevelt U.S.A. Flag	163371 5 Jul '77	New York U.S.A.	1.82	5 Sep '77	1 Nov '77	277894 1 Apr '77	73,507.00	74,211.46	326.44	36.27	
M-10A	2 Drms Potassium hydroxide, flake	SS. Pres. Roosevelt U.S.A. Flag	163150 5 Jul '77	New York U.S.A.	0.51	5 Sep '77	12 Nov '77	286862 31 May '77	7,922.61	8,067.67	97.05	10.78	
M-10A	87 Brls. Turbine Oil	SS. Pres. Polk U.S.A. Flag	164764 9 Sep '77	New York U.S.A.	17.35	5 Nov '77	28 Dec '77	300685 19 Oct '77	No Charge	2,595.75	2,336.17	259.58	
M-10A	4 Cs Plant Equipment	Empoh Ind. Flag	5 31 Oct '77	Singapore	0.99	5 Nov '77	1 Dec '77	293655 7 Jul '77 309421 6 Oct '77	No Charge	-	-	-	
VENDOR : General Electric Co. EQUIPMENT : Turbine Generator CONTRACT NO. : Pj.086/PST/74 LETTER OF CREDIT NO : 0103/2973/PL				BLACK & VEATCH INTERNATIONAL KANSAS CITY, MISSOURI USA PERUSAHAAN UMUM LISTRIK NEGARA AGENCY OF MINISTRY OF PUBLIC WORKS AND POWER GOVERNMENT OF REPUBLIC OF INDONESIA 100 MW (2x50MW) SEMARANG STEAM POWER PLANT UNITS : 22				UNITED STATES OF AMERICA AID LOAN 497 M 024 SHIPPING STATEMENT CUMULATIVE				PROJECT 6104 DRAWING SS-1	

SPEC NO.	DESCRIPTION OF MATERIAL	NAME OF VESSEL AND FLAG	B/L OF LADING NO. & DATE	PORT OF EXIT	GROSS WEIGHT LONG TONS	ARRIVAL DATE SEWARANG	DATE DELIVERED AT SITE	INVOICE NO. AND DATE	F.A.S VALUE OF CARGO US \$	TOTAL CLF VALUE	COST OF OCEAN FREIGHT		
											A.I.D FUNDS US \$	OTHER FUNDS US \$	
M-10A	3 Cs Spr. Pts. for Turbine Gen.	SS. Indrasakti Ind. Flag	SMR-11	Singapore	0.98	12 Dec'77	18 Jan'78	311303 19 Oct'77	No Charge				
M-10A	2 Pcs Stop Valve 1 Pc Fog Nozzle 1 Ball Valve 1 Pc Fog Nozzle Piping	Singapore Air Line	618-2134096-6	Singapore	0.13		3 Feb'78	316866 16 Nov'77	No Charge				
M-10A	1 Pc) Turbine Components 1 Brl)	SS. Pres. Polk U.S.A. Flag	162239 3 Jun'77	New York U.S.A.	0.50	16 Aug'77	20 Jan'78	283718 11 May'77	No Charge				
M-10A	1 Cs. Gauge Glasses, Level Switches Press. Gauges 1 Cs 2 Inner Oil Deflector 1 Cs 3 Filter Elements	SS. Kuta Mulia	7 4 Mar'78	Singapore	0.21 0.13	9 Mar'78	30 Mar'78	319689 5 Dec'77 322687 20 Dec'77	No Charge No Charge				
M-10A	1 Crt Spare Oil Deflector Spare Bushing 2 Pkg Exciter Regulator, Contactor Field Breaker	SS. Sam Ratulangi	1 2 Feb'78	Singapore	0.02	14 Apr'78	3 May'78	322153 16 Dec'77 324916 6 Jan'78	No Charge	9,068.71	9,324.07	0	202.13
M-10A	2 Pkgs Insulation Compound N-Amino Ethyl Piperazine 1 Box Insulation Materials 1 Ctn Spare Movings 1 Cs -4 Gages 8 Rivets 1 Cs Hertz Panel Fog Nozzle Piping	SS. Indrasakti	SMR-17 8 April'78	Singapore	0.04 0.14 0.06 0.28	14 Apr'78	22 May'78	328664 30 Jan'78 327126 18 Jan'78 333998 1 Mar'78 327127 18 Jan'78	No Charge No Charge No Charge No Charge				
M-10A	1 - Receptable for Turning Gear 1 Ctn Stop Valve & Cover	SS. Sam Ratulangi	5 9 Jun'78	Singapore	0.38	18 Jun'78	13 Jul'78	340534 5 Apr'78	No Charge				
M-10A	3 Pkgs Vacuum Trip Assemblies	Airfreight	96068416	New York U.S.A.	0.1	20 Aug'78	13 Sep'78	353670 14 Jun'78	No Charge				
VENDOR : General Electric Co. EQUIPMENT : Turbine Generator CONTRACT NO. : Pj.086/PST/74 LETTER OF CREDIT NO. : 0103/2973/PL			BLACK & VEATCH INTERNATIONAL KANSAS CITY, MISSOURI USA PERUSAHAAN UMUM LISTRIK NEGARA AGENCY OF MINISTRY OF PUBLIC WORKS AND POWER GOVERNMENT OF REPUBLIC OF INDONESIA SEMARANG STEAM POWER PLANT 100MW (2 x 50MW)				UNITED STATES OF AMERICA A.I.D LOAN 497 - M - 024 SHIPPING STATEMENT CUMULATIVE				PROJECT 6104 DRAWING SS-1		

SPEC NO.	DESCRIPTION OF MATERIAL	NAME OF VESSEL AND FLAG	BILL OF LADING NO. & DATE	PORT OF EXIT	GROSS WEIGHT LONG TONS	ARRIVAL DATE SEMARANG	DATE DELIVERED AT SITE	INVOICE NO. AND DATE	F.A.S VALUE OF CARGO US \$	TOTAL C.I.F VALUE	COST OF OCEAN FREIGHT		
											A.I.D FUNDS US \$	OTHER FUNDS US \$	
M-10A	5 Pkgs Silogram Grease & Oil 1 Pkg Lubricant Mat'ls	K.L.M.	074-28254602	New York U.S.A.	0.11		21 Oct '78	363428 10 Aug '78 363429 10 Aug '78	No Charge		-	-	
M-10A	2 Pkgs Versilubes Grease	K.L.M.	074-28254633	New York U.S.A.	0.004		21 Oct '78	363430 10 Aug '78	No Charge		-	-	
M-10A	1 Pkg Grease	K.L.M.	074-28254693	New York U.S.A.	0.007		21 Oct '78	364268 17 Aug '78	No Charge		-	-	
M-10A	2 ea Recorder Switchboards	Hand carried by Mr. H. Schulz		New York U.S.A.	0.005		14 Aug '78	197709 8 Aug '78	No Charge		-	-	
M-10A	2 Pkgs - Amplifier Card Temp. Detector	K.L.M.	074-28254914	New York U.S.A.	0.005	21 Oct '78	21 Oct '78	369671 18 Sep '78	No Charge		-	-	
M-10A	2 Pkgs Oil Deflector & exciter part	K.L.M.	074-28247015	New York U.S.A.	0.08		28 Nov '78	371735 28 Sep '78	No charge		-	-	
M-10A	6 Drms Turbine Oil	SS.Djatisari	2 28 Sep '78	New York U.S.A.	1.20			362634 4 Aug '78	No charge		-	-	
M-10A	1 Pkgs - Proximeter	K.L.M.	074-28247461	New York U.S.A.	-			385426 12 Dec '78	No Charge		-	-	
M-10A	1 Pkg - Connector	K.L.M.	074-28247516	New York U.S.A.	0.005			386172 15 Dec '78	No Charge		-	-	
<p>VENDOR : General Electric Company</p> <p>EQUIPMENT : Turbine Generator</p> <p>CONTRACT NO. : 25-056/PST/74</p> <p>LETTER OF CREDIT NO. : 0103/2973/PL</p>													
<p>BLACK & VEATCH INTERNATIONAL KANSAS CITY, MISSOURI USA</p>				<p>INTERNATIONAL JAKARTA, INDONESIA</p>				<p>UNITED STATES OF AMERICA A.I.D LGAN 497 - M - 024</p>				<p>PROJECT 6104</p>	
<p>PERUSAHAAN UMUM LISTRIK NEGARA AGENCY OF MINISTRY OF PUBLIC WORKS AND POWER GOVERNMENT OF REPUBLIC OF INDONESIA SEMARANG STEAM POWER PLANT -30MW (2 x 50MW)</p>						<p>SHIPPING STATEMENT CUMULATIVE</p>						<p>DRAWING SS-1</p>	

SPEC NO	DESCRIPTION OF MATERIAL	NAME OF VESSEL AND FLAG	BILL OF LADING NO. & DATE	PORT OF EXIT	GROSS WEIGHT LONG TONS	ARRIVAL DATE SEMARANG	DATE DELIVERED AT SITE	INVOICE NO AND DATE	FAS VALUE OF CARGO US \$	TOTAL CIF VALUE	COST OF OCEAN FREIGHT			
											AID FUNDS US \$	OTHER FUNDS US \$		
M-12A	12 Pieces for Surface Condensers and Auxiliary Equipment	SS. Hong Kong Mail U.S.A. Flag	1363 9 Sep. '75	Los Angeles U.S.A.	75.42	19 Apr. '76	20 Apr. '76	03906 30 Oct. '75	341,005.00	378,874.61	30,783.81	3,420.42		
M-12A	11 Pieces for Surface Condensers and Auxiliary Equipment	SS. Alaskan Mail U.S.A. Flag	1230 3 Nov. '75	Los Angeles U.S.A.	82.41	19 Apr. '76	20 Apr. '76	03907 3 Nov. '75	341,005.00	378,370.55			30,628.09	3,403.12
M-12A	8 Boxes Spare Parts for Condenser & Condensate Pumps air removal equipment	SS. Pres. Monroe U.S.A. Flag	CP-NE-1255 17 June '76	Los Angeles U.S.A.	9.91	16 Jul '76	28 Aug '76	04552 15 June '76	20,000.00	22,538.56				
M-12A	1 Pkg. Brass Tube Plugs	Japan Air Lines	AWB 137-60630824	Los Angeles U.S.A.	0.01		22 Apr '77							
M-12A	2 ea Rubber Belts for Exp. Joints	Airfreight	057-78922664 18 Jul '77	Los Angeles U.S.A.	0.16	3 Aug '77	27 Sep '77	5377 12 Jul '77	No Charge					
M-12A	1 Box Relief Valves	Airfreight	057-96089350	Los Angeles		7 Jun '78	5 Aug '78	M- C0001 5 Apr '78	No Charge					

VENDOR : Southwestern Engineering Company
EQUIPMENT : Condenser
CONTRACT NO. : PJ-106/PST/74
LETTER OF CREDIT NO. : 0103/3058/PL

BLACK & VEATCH INTERNATIONAL
KANSAS CITY, MISSOURI USA JAKARTA INDONESIA

PERUSAHAAN UMUM LISTRIK NEGARA
AGENCY OF MINISTRY OF PUBLIC WORKS AND POWER
GOVERNMENT OF REPUBLIC OF INDONESIA
100 MW (2x 50 MW) SEMARANG STEAM POWER PLANT UNITS 1 & 2

UNITED STATES OF AMERICA
A.I.D. LOAN 497 M 024

SHIPPING STATEMENT
CUMULATIVE

PROJECT
6104
DRAWING
SS-1

SPEC. NO.	DESCRIPTION OF MATERIAL	NAME OF VESSEL AND FLAG	BILL OF LADING NO. & DATE	PORT OF EXIT	GROSS WEIGHT LONG TONS	ARRIVAL DATE SEMARANG	DATE DELIVERED AT SITE	INVOICE NO. AND DATE	F.A.S. VALUE OF CARGO US \$	TOTAL C.I.F. VALUE	COST OF OCEAN FREIGHT	
											AID FUNDS US \$	OTHER FUNDS US \$
M-12A	4 Crts Circulating Water Pump	SS. Wyoming U.S.A. Flag	3. 5 Feb '76	Portland U.S.A.	60.18	11 Mar '76	12 May '76	8-1027 dated 13 Aug '76	504,806.00 (Revised)	526,353.61	15,108.69	1,678.74
M-12A	4 Crts Motor Drivers & Spare Parts for Circulating Water Pump	SS. Dant U.S.A. Flag	2. 31 Jul '76	Portland U.S.A.	17.77	9 Dec '76	5 Mar '77	8-1036 dated 13 Aug '76	136,194.00 (Revised)	140,503.77	2,708.96	388.80
VENDOR : Bingham Willamette Company EQUIPMENT : Circulating Water Pump CONTRACT NO. : Pj. 104/PST/74 LETTER OF CREDIT NO. : 0103/3074/PL			BLACK & VEATCH INTERNATIONAL KANSAS CITY, MISSOURI USA JAKARTA INDONESIA PERUSAHAAN UMUM LISTRIK NEGARA AGENCY OF MINISTRY OF PUBLIC WORKS AND POWER GOVERNMENT OF REPUBLIC OF INDONESIA 100 MW(2x50MW) SEMARANG STEAM POWER PLANT UNITS 1&2				UNITED STATES OF AMERICA A.I.D. LOAN 497 M 024 SHIPPING STATEMENT CUMULATIVE				PROJECT 6104 DRAWING SS-1	

SPEC NO	DESCRIPTION OF MATERIAL	NAME OF VESSEL AND FLAG	BILL OF LADING NO. & DATE	PORT OF EXIT	GROSS WEIGHT LONG TONS	ARRIVAL DATE SEMARANG	DATE DELIVERED AT SITE	INVOICE NO AND DATE	FAS VALUE OF CARGO US \$	TOTAL CIF VALUE	COST OF OCEAN FREIGHT		
											AID FUNDS US \$	OTHER FUNDS US \$	
M-12A	Traveling Screens & Accessories Equip., plus Spare Parts	SS. Green Island U.S.A Flag	1 20 Feb. '76	Norfolk U.S.A.	32.39	25 Jan. '76	7 Oct. '76	46-18842 3 Feb. '76	113,959.00	130,287.33	14,253.58	1,587.07	
M-12A	1 Ctn- 3 Break Pin Hub 2 5/8 SFT	Lufthansa	220-64248870	Philadelphia	0.03	1 Aug '77	18 Aug '77	46-2259-11	No Charge	-	-	-	
<p>VENDOR : FMC Corporation</p> <p>EQUIPMENT : Traveling Screens</p> <p>CONTRACT NO. : PJ-117/PST/74</p> <p>LETTER OF CREDIT NO. : 0103/3059/PL</p>													
<p>BLACK & VEATCH INTERNATIONAL KANSAS CITY, MISSOURI USA</p>						<p>JAKARTA INDONESIA</p>			<p>UNITED STATES OF AMERICA AID LOAN 497 M 024</p>			<p>PROJECT 6104</p>	
<p>PERUSAHAAN UMUM LISTRIK NEGARA AGENCY OF MINISTRY OF PUBLIC WORKS AND POWER GOVERNMENT OF REPUBLIC OF INDONESIA</p>						<p>100 MW (2x 50 MW) SEMARANG STEAM POWER PLANT UNITS 1 & 2</p>			<p>SHIPPING STATEMENT CUMULATIVE</p>			<p>DRAWING SS-1</p>	

SPEC NO	DESCRIPTION OF MATERIAL	NAME OF VESSEL AND FLAG	BILL OF LADING NO & DATE	PORT OF EXIT	GROSS WEIGHT LONG TONS	ARRIVAL DATE* SEMARANG	DATE DELIVERED AT SITE.	INVOICE NO AND DATE	F A S VALUE OF CARGO US \$	TOTAL CIF VALUE	COST OF OCEAN FREIGHT				
											AID FUNDS US \$	OTHER FUNDS US \$			
M-12B	7 Boxes Heat Exchanger Desalination Plant & Associated Equip.	SS. Mallory Lykes U.S.A. Flag	152 20 Apr. '76	Houston U.S.A.	48.47	20 May '76	21 Jun '76	15266820 1 Apr. '76	312,500.00	346,478.38	25,774.20	2,863.80			
M-12B	2 Bxs Evaporator Spare Parts.	SS. Sheldon Lykes U.S.A. Flag	25 20 Dec '77	Houston U.S.A.	0.22	1 Apr '78	21 Apr '78	15284900 29 Jul '77	14,000.00	14,220.271	81.45	9.05			
M-12B	2 Bxs Press. Relief Gauges & Thermometers	Hand Carried by G.E. Rainey		Shreveport U.S.A.	0.50	7 Dec '77	2 Jan '78	15290033	No Charge		-	-			
M-12B	1 Pkg - Evaporator Parts	Delta Airlines	006-31965474 28 Sep '78	Shreveport U.S.A.	0.02			15202917	No charge		-	-			
VENDOR : Riley Beaird Inc.		EQUIPMENT : Desalination Equipment		CONTRACT NO. : Pj.101/PST/74		LETTER OF CREDIT NO. : 0103/3072/PL		BLACK & VEATCH INTERNATIONAL KANSAS CITY, MISSOURI USA JAKARTA INDONESIA				UNITED STATES OF AMERICA AID LOAN 497 P 024		PROJECT 6104	
PERUSAHAAN UMUM LISTRIK NEGARA AGENCY OF MINISTRY OF PUBLIC WORKS AND POWER GOVERNMENT OF REPUBLIC OF INDONESIA								SHIPPING STATEMENT CUMULATIVE				DRAWING SS-1			
100 MW(2x50MW) SEMARANG STEAM POWER PLANT UNITS 1 & 2															

SPEC NO	DESCRIPTION OF MATERIAL	NAME OF VESSEL AND FLAG	B/L OF LADING NO. & DATE	PORT OF EXIT	GROSS WEIGHT LONG TONS	ARRIVAL DATE SEMARANG	DATE DELIVERED AT SITE	INVOICE NO AND DATE	FAS VALUE OF CARGO US \$	TOTAL CIF VALUE	COST OF OCEAN FREIGHT		
											AID FUNDS US \$	OTHER FUNDS US \$	
M-12B	(1) Denerating Heater and (1) Storage Tank	SS. Louise Lykes U.S.A. Flag	43 12 Dec. '75	New Orleans U.S.A.	22.34	31 Jan '76	24 Mar '76	00036 31 Dec. '75	74,210.00	88,094.91	11,611.33	1,290.15	
M-12B	(1) Denerating Heater (1) Storage Tank (3) Boxes Parts for Heater	SS. Green Valley U.S.A. Flag	1 9 Feb. '76	New Orleans U.S.A.	22.95	16 Jun. '76	12 Jul '76	000247 2 Mar. '76	74,210.00	85,084.21	8,951.43	994.60	
M-12B	8 Skids (Heat Exchanger)	SS. H.A. Salim Indonesian Flag	2 28 May '76	New Orleans U.S.A.	24.16	20 Oct. '76	11 Nov '76	00544 2 June '76	225,550.00	242,535.95	0	14,057.50	
M-12B	4 Pkgs H.P. w/heaters. 1 Box Spare Parts	SS. Djatinegara Indonesian Flag	1 30 Oct. '76	New Orleans U.S.A.	33.48	22 Jan '77	14 Feb '77	00977 15 Nov. '76	199,105.00 SP. PRTS. 7,000.00	214,656.00	0	6,124.17	
M-12B	1 Ctn Office Plates for Air Vent.	Sabena.	082-96546855 4 Aug '77	New York U.S.A.	0.0002	Sep '77	10 Nov '77	NTB-77-80008 29 Jul '77	No Charge		0	0	
Revised invoice reflecting Actual CIF amount req. from Vendor.													
VENDOR : Struthers Wells Corporation EQUIPMENT : Heat Exchanger CONTRACT NO. : Pj.102/PST/74 LETTER OF CREDIT NO. : 0103/3108/PL				BLACK & VEATCH INTERNATIONAL KANSAS CITY, MISSOURI USA JAKARTA INDONESIA PERUSAHAAN UMUM LISTRIK NEGARA AGENCY OF MINISTRY OF PUBLIC WORKS AND POWER GOVERNMENT OF REPUBLIC OF INDONESIA				UNITED STATES OF AMERICA AID LAN 437 H 024 SHIPPING STATEMENT CUMULATIVE				PROJECT 6104 DRAWING SS-1	

SPEC. NO.	DESCRIPTION OF MATERIAL	NAME OF VESSEL AND FLAG	BILL OF LADING NO & DATE	PORT OF EXIT	GROSS WEIGHT LONG TONS	ARRIVAL DATE SEMARANG	DATE DELIVERED AT SITE	INVOICE NO. AND DATE	F.A.S VALUE OF CARGO US ↓	TOTAL CIF VALUE	COST OF OCEAN FREIGHT	
											AID FUNDS US ↓	OTHER FUNDS US ↓
M-26A	4 Crates Boiler Feed Pumps	CS. Wyoming U.S.A. Flag	2 5 Feb. '76	Portland U.S.A.	42.44	11 Mar. '76	21 Jun '76	2-1077 27 Feb. '76	559,940.00	578,479.31	12,078.00	1,342.00
M-26A	12 Motor Transformers	Pan Am U.S.A. Flag	026-10704680 11 Nov '77	Portland U.S.A.	0.15	16 Nov '77	23 Dec '77	10 Nov '77	No Charge		-	-
<p> VENDOR : Bingham Willamette Company EQUIPMENT : Boiler Feed Pump CONTRACT NO. : PJ.100/PST/74 LETTER OF CREDIT NO. : 0103/3073/PL </p>												
BLACK & VEATCH INTERNATIONAL KANSAS CITY, MISSOURI USA JAKARTA INDONESIA						UNITED STATES OF AMERICA A.I.D. LGAN 497 H 024				PROJECT 6104		
PERUSAHAAN UMUM LISTRIK NEGARA AGENCY OF MINISTRY OF PUBLIC WORKS AND POWER GOVERNMENT OF REPUBLIC OF INDONESIA 100 MW(2x50MW) SEMARANG STEAM POWER PLANT UNITS : 8 & 2						SHIPPING STATEMENT CUMULATIVE				DRAWING SS-1		

SPEC NO	DESCRIPTION OF MATERIAL	NAME OF VESSEL AND FLAG	BILL OF LADING NO & DATE	PORT OF EXIT	GROSS WEIGHT LONG TONS	ARRIVAL DATE SEMARANG	DATE DELIVERED AT SITE	INVOICE NO AND DATE	F A S VALUE OF CARGO US \$	TOTAL CIF VALUE	COST OF OCEAN FREIGHT		
											AID FUNDS US \$	OTHER FUNDS US \$	
M-26A	(9) Crates of Centrifugals Pumps and Accessories	SS. Pres. Polk U.S.A. Flag	4269 23 Dec. '75	New York U.S.A.	6.07	15 Feb. '76	19 Mar '76	- 17 Dec. '75	48,144.50	51,018.58	1,770.03	196.67	
M-26A	2 Cs. Rotary Pumps for Liquids 1 Cs. Pumps Parts 6 Cs. Centrifugals Pumps for Liq.	SS. Pres. Harris. U.S.A. Flag	4274 16 Apr. '76	New York U.S.A.	4.13	12 Jun. '76	5 Aug. '76	- 4 Feb. '76	65,830.10	67,961.37	746.98	82.99	
M-26A	1 Case Centrifugal Pumps	SS. Pres. Roosvl. U.S.A. Flag	NY-SP 4261 11 June '76	New York U.S.A.	0.46	8 Aug. '76	21 Sep '76	- 20 May '76	8,277.15	8,561.27	118.57	13.18	
M-26A	1 Case Power Pump Parts	SS. Pres. Roosvl. U.S.A. Flag	NY-SP 4258 8 Nov '76	New York U.S.A.	0.8	7 Jun '77	2 Feb '77	- 1 Nov '76	2,885.10	3,023.10	76.05	8.45	
M-26A	4 Cs Centrifugal Pumps	SS. Pres. Roosvl. U.S.A. Flag	4277 25 Jan '77	New York U.S.A.	2.83	19 Mar '77	27 Jun '77	12 Jan '77	22,021.50	23,697.14	1,128.64	125.40	
M-26A	1 Cs Spare Parts for Aux. Pump.	SS. Pres. Polk U.S.A. Flag	167010 10 Feb '78	New York U.S.A.	0.05	21 Apr '78	22 May '78	- 17 Jan '78	4,702.50	4,880.52	82.06	9.12	
M-26A	1 Cs Power Pump Parts	SS. Pres Polk U.S.A. Flag	167017 17 Feb '78	New York U.S.A.	0.03	21 Apr '78	22 May '78	- 26 Jan '78	977.65	1,091.49	84.96	9.44	
VENDOR : Worthington Sales Company				BLACK & VEATCH INTERNATIONAL 447 EAS CITY, MISSOURI USA JAKARTA INDONESIA				UNITED STATES OF AMERICA AID LOAN 497 W 024				PROJECT 6104	
EQUIPMENT : Auxiliary Pumps				PERUSAHAAN UMUM LISTRIK NEGARA AGENCY OF MINISTRY OF PUBLIC WORKS AND POWER GOVERNMENT OF REPUBLIC OF INDONESIA				SHIPPING STATEMENT CUMULATIVE				DRAWING SS-1	
CONTRACT NO : PJ.118/PST/T				100 MW (2x50MW) SEMARANG STEAM POWER PLANT UNITS 1 & 2									
LETTER OF CREDIT NO : 0103/3060/P2													

SPEC NO	DESCRIPTION OF MATERIAL	NAME OF VESSEL AND FLAG	BILL OF LADING NO & DATE	PORT OF EXIT	GROSS WEIGHT LONG TONS	ARRIVAL DATE SEMARANG	DATE DELIVERED AT SITE	INVOICE NO AND DATE	FAS VALUE OF CARGO US \$	TOTAL CIF VALUE	COST OF OCEAN FREIGHT		
											AID FUNDS US \$	OTHER FUNDS US \$	
M-34A	One Steam Drum	SS. Green Harbor " " " " " " " " " " " " " " " " " " U.S.A. Flag	B/L No. 1	Baltimore	43.08	27 Jan. '76	2 Mar. '76	Invoice No. 8-101	125,000.00	133,486.53	6,911.17	767.91	
	One Water Drum		" "	" "	16.16	" "	" "	" " 8-102	72,000.00	74,983.15	2,266.06	251.78	
	Four Economizer Inlet Headers		" "	" "	1.54	" "	" "	" " 8-103	2,000.00	2,395.92	343.62	38.18	
	Four Bundles of Steel Boiler Tbs.		" "	" "	23.46	" "	" "	" " 8-104	75,000.00	83,508.53	7,221.21	802.36	
	Four Bundles of Steel Boiler Tbs.		" "	" "	14.50	" "	" "	" " 8-105	49,000.00	55,176.93	5,273.70	585.97	
	Two Bundles of Header Sections		" "	" "	23.21	" "	" "	" " 8-106	54,000.00	66,438.24	10,879.86	1,208.87	
	" " " Nose Panel Tubes		" "	" "	23.21	" "	" "	" " 8-107	54,000.00	65,538.34	10,069.95	1,118.88	
	" " " "		" "	" "	18.32	" "	" "	" " 8-108	30,000.00	52,654.76	20,214.04	2,246.01	
	" " " "		" "	" "	" "	" "	" "	" " 8-108	30,000.00	52,654.76	20,214.04	2,246.01	
	" " " "		" "	" "	" "	" "	" "	" " 8-108	30,000.00	52,654.76	20,214.04	2,246.01	
M-34A	Two Messer type valves	SS. Green Valley " " " " " " " " " " " " " " " " " " U.S.A. Flag	B/L No. 3	Baltimore	0.03	7 Jan. '76	16 Feb. '76	Invoice No. 8-109	200.00	206.74	4.62	0.51	
	Wire Mesh Assemblies		" "	" "	0.10	" "	" "	" " 8-110	600.00	650.16	41.52	4.61	
	One Barrel Nub Carbon Steel Rings		" "	" "	0.04	" "	" "	" " 8-111	330.00	312.40	9.23	1.02	
	Angles Panel, Bars, Pipe, Plates and Tube Panels		" "	" "	13.60	" "	" "	26 Aug. '75	Invoice No. 8-112	22,000.00	31,092.47	8,052.61	894.73
	Steel Plates & Boiler Td. Panels		" "	" "	10.55	" "	" "	" " 8-113	8,000.00	18,473.92	9,380.09	1,042.23	
	Steel Plates and Beams		" "	" "	21.49	" "	" "	" " 8-114	35,000.00	49,972.93	13,272.46	1,474.72	
	Insulation Acces; Bolts, Nuts etc.		" "	" "	0.24	" "	" "	31 Aug. '75	Invoice No. 9-115	11,000.00	11,191.39	108.40	12.04
	One Box Thermoweld		" "	" "	0.02	" "	" "	8 Sep. '75	Invoice No. 9-116	1,000.00	1,009.01	2.30	0.26
	One Carton Steam Gage Components		" "	" "	0.02	" "	" "	5 Sep. '75	Invoice No. 9-117	2,500.00	2,521.26	4.62	0.51
	Superheaters, Beams, Tees Chnl. etc		" "	" "	28.99	" "	" "	5 Sep. '75	Invoice No. 9-122	64,000.00	71,918.26	6,754.91	750.55
M-34A	Two Furn FD Fans	SS. Green Valley " " U.S.A. Flag	B/L No. 1	New Orleans	15.22	7 Jan. '76	9-13 Feb. '76	Invoice No. 9-118	90,000.00	97,218.27	5,973.99	663.78	
	Weld Plates		" "	" "	3.77	" "	" "	8 Sep. '75	Invoice No. 9-120	8,000.00	8,609.99	502.55	55.84
M-34A	Boiler Tubes & Steel Pipe	SS. Green Valley " " " " " " U.S.A. Flag	B/L No. 2	Baltimore	11.03	7 Jan. '76	8 Apr. '76	Invoice No. 10-134	32,000.00	35,589.43	3,032.94	336.93	
	1 Peace of Superheater		" "	" "	22.10	" "	" "	" " 10-135	93,800.00	101,461.72	6,307.97	700.89	
	Boiler Tubes, Angle, Pipe, Bar, Beams		" "	" "	17.34	" "	" "	" " 10-136	41,000.00	45,152.24	3,483.14	387.02	
	One Steam Drum		" "	" "	43.08	" "	" "	24 Oct. '75	Invoice No. 10-141	125,000.00	134,540.51	6,911.17	767.91
	Water Drum & Boiler Parts		" "	" "	18.08	" "	" "	5 Sep. '75	Invoice No. 10-142	71,000.00	74,461.71	2,464.40	273.82

VENDOR : Foster Wheeler World Services Co.
EQUIPMENT : Steam Generators
CONTRACT NO : PJ.096/PST/74
LETTER OF CREDIT NO. : 0103/3024/PL

BLACK & VEATCH INTERNATIONAL
KANSAS CITY, MISSOURI USA JAKARTA INDONESIA
PERUSAHAAN UMUM LISTRIK NEGARA
AGENCY OF MINISTRY OF PUBLIC WORKS AND POWER
GOVERNMENT OF REPUBLIC OF INDONESIA
NO MW(7750MW) SEMARANG STEAM POWER PLANT UNITS 1 & 2

UNITED STATES OF AMERICA
AID. LOAN 497 M 024

SHIPPING STATEMENT
CUMULATIVE

PROJECT
6104

DRAWING
SS-1

SPEC. NO	DESCRIPTION OF MATERIAL	NAME OF VESSEL AND FLAG	BILL OF LADING NO. & DATE	PORT OF EXIT	GROSS WEIGHT LONG TONS	ARRIVAL DATE SEMARANG	DATE DELIVERED AT SITE	INVOICE NO. AND DATE	F A S VALUE OF CARGO US \$	TOTAL CIF VALUE	COST OF OCEAN FREIGHT		
											AID FUNDS US \$	OTHER FUNDS US \$	
M-34A	Flexible Hose Assembly	SS.Green Valley U.S.A. Flag	1. 5 Nov '75	Baltimore U.S.A.	0.16	7 Jan '76	20 Mar '76	Invoice No.9-121 12 Sep '75	10,000.00	10,108.06	39.20	4.36	
	Boiler Tubes & Boiler Pafts				14.44	"	"	Invoice No.9-123 30 Sep '75	57,000.00	61,351.18	3,562.20	395.80	
	Boiler Tubes & Boiler Parts				13.21	"	"	Invoice No.9-124	37,000.00	40,610.99	2,974.69	330.52	
	Super Heater,Plate,Tees,Boiler Pts.				21.03	"	"	Invoice No.9-125	87,000.00	94,832.08	6,501.90	722.43	
	Miscellaneous Pipe				6.34	"	"	Invoice No.9-126 30 Sep '75	6,000.00	7,581.21	1,381.45	153.49	
	Stainless Steel Lubric.Plates				0.01	"	"	Invoice No.10-126 2 Oct '75	500.00	504.72	1.34	0.15	
	Slides Bearings & Access.				0.19	"	"	Invoice No.10-129 9 Oct '75	1,000.00	1,028.63	19.84	2.20	
	Boiler Tubes,Separators and Steel Pipe				10.37	"	"	Invoice No.10-132 10 Oct '75	33,000.00	46,430.37	11,819.53	1,313.28	
M-34A	Structural Steel, Treads	SS.Green Island U.S.A. Flag	3 13 Nov '75	Houston U.S.A.	109.07	7 Jan '76	5-7 Feb '76	Invoice No.9-127 30 Sep '75	110,000.00	151,999.11	36,922.93	4,102.55	
	Aux. Shut-off Valves (Rockwell)				0.31	"	"	Invoice No.10-130	4,000.00	4,075.03	44.03	4.89	
	Steel Supports				0.26	"	"	Invoice No.10-131 9 Oct '75	122.00	152.69	26.74	2.97	
M-34A	Two (2) sets of Furney Burner Control Equipment	SS.Green Valley U.S.A. Flag	2. 13 Nov '75	Houston	14.82	7 Jan '76	6 Feb '76.	Invoice No.9-119 10 Sep '76	311,000.00	318,272.43	4,739.83	526.65	
M-34A	Grating	SS.Green Valley U.S.A. Flag	1. 13 Nov '75	Houston U.S.A.	26.35	7 Jan '76	2-13 Feb '76	Invoice No.10-140 28 Oct '75	34,000.00	37,608.55	3,026.92	336.32	
M-34A	Safety Valves	SS.Magsaysay U.S.A. Flag	1. 25 Nov '75	New Orleans U.S.A.	1.93	13 Feb '76	10 Mar '76	Invoice No.10-138 27 Oct '75	20,000.00	20,468.17	303.29	33.70	
M-34A	Boiler Structural Members	SS.Magsaysay U.S.A. Flag	1. 5 Dec '75	Houston U.S.A.	15.72	13 Feb '76	10 Mar '76	Invoice No.11-149 10 Nov '75	44,000.00	46,201.69	1,726.10	191.79	
M-34A	Stacks Flues & Ducts	SS.Dong Nam	UNS-1 26 Dec '75	Ulsan Korea	165.32	20 Jan '76	15 Mar '76	Invoice No.11-165	122,000.00	175,278.09	47,242.07	5,249.12	
								Invoice No.11-166 26 Nov '75	151,000.00	180,263.89	25,460.60	2,828.96	
VENDOR : Foster Wheeler World Service Co.				BLACK & VEATCH INTERNATIONAL KANSAS CITY, MISSOURI USA JAKARTA INDONESIA				UNITED STATES OF AMERICA AID LOAN 497 N 024				PROJECT 6104	
EQUIPMENT : Steam Generator				PERUSAHAAN UMUM LISTRIK IN DARAH AGENCY OF MINISTRY OF PUBLIC WORKS AND POWER GOVERNMENT OF REPUBLIC OF INDONESIA				SHIPPING STATEMENT CUMULATIVE				DRAWING SS-1	
CONTRACT NO : Pj.096/PST/74				100 MW(2x50MW) SEMARANG STEAM POWER PLANT UNITS 1 & 2									
LETTER OF CREDIT NO : 0103/3024/PL													

SPEC NO	DESCRIPTION OF MATERIAL	NAME OF VESSEL AND FLAG	DATE OF LADING MO & DATE	PORT OF EXIT	GROSS WEIGHT LONG TONS	ARRIVAL DATE SEMARANG	DATE DELIVERED AT SITE	INVOICE NO AND DATE	F.A.S VALUE OF CARGO US \$	TOTAL CIF VALUE	COST OF OCEAN FREIGHT	
											AID FUNDS US \$	OTHER FUNDS US \$
M-34A	One (1) Superheater	SS.Green Island U.S.A. Flag	4. 19 Dec '75	Baltimore U.S.A.	22.10	12 Mar '76	5 Apr '76	Invoice No.11-150 11 Nov '75	93,000.00	100,653.00	6,207.96	700.58
	Galvanized HC - Hot Channels							4,000.00	4,345.16	322.42	55.82	
	Expansion Joints							260.00	310.69	43.62	4.87	
M-34A	Miscellaneous Pipe	SS.Magsasay U.S.A. Flag	1. 15 Dec '75	Baltimore U.S.A.	2.41	15 Feb '76	27 Mar '76	Invoice No.10-157 24 Oct '75	8,000.00	8,350.15	249.07	27.68
	Wire Mesh Assemblies							3,015.00	3,132.75	59.97	6.66	
	Thermocouples							1,000.00	1,019.34	11.52	2.20	
	Water Coil Heaters							15,000.00	14,239.27	1,053.20	114.00	
	Insulation Accessories							4,700.00	4,947.17	193.91	21.55	
	Refractory Accessories							727.00	850.76	87.31	9.70	
	Lagging Accessories							2,665.00	2,814.55	116.96	13.00	
	Regulator Air Heater Parts							29,000.00	36,962.57	6,719.22	746.58	
	Regulator Air Heater Parts							29,000.00	33,765.12	4,064.52	453.84	
	Regulator Air Heater Parts							29,000.00	36,379.95	6,437.86	715.32	
	Regulator Air Preheater Parts							29,000.00	33,731.81	4,054.54	452.51	
	Duct Supports							21,000.00	21,256.66	103.39	12.04	
	Boiler Tubes & Boiler Doors							6,000.00	8,819.69	2,486.65	276.32	
	Weld Pins, Insl. Pin & Speed Washer							2,400.00	2,500.59	76.09	8.46	
	Boiler Tubes							53,000.00	37,682.58	2,606.97	444.11	
	Boiler Tubes & Steel Bars							22,000.00	25,061.66	3,326.33	349.59	
	Pipe Insulation & Accessories							20,800.00	47,322.78	23,597.55	2,621.95	
	Self Lubric. Expansion Plates							500.00	303.44	1.34	0.15	
	Boiler Tubes, Boiler Parts, Beams & Plates							53,000.00	57,376.25	3,007.69	400.85	
	(Continued to the next page)											
VENDOR : Foster Wheeler World Service Co.		BLACK & VEATCH INTERNATIONAL KANSAS CITY, MISSOURI, U.S.A.				UNITED STATES OF AMERICA AUGUST 1977, N. 024				PAGE 1 6104		
EQUIPMENT : Steam Generator		PERUSAHAAN LUMUT LISTRIK NEGARA AGENCY OF MINISTRY OF PUBLIC WORKS AND POWER GOVERNMENT OF REPUBLIC OF INDONESIA				SHIPPING STATEMENT CUMULATIVE				DRAWING SS-1		
CONTRACT NO : Pj.026/1951/74		100 10X(2450MW) SEMARANG STEAM POWER PLANT, SURABAYA										
LETTER OF CREDIT NO : 0103/3024/PL												

SPEC NO	DESCRIPTION OF MATERIAL	NAME OF VESSEL AND FLAG	BILL OF LADING NO. & DATE	PORT OF ORIGIN	GROSS WEIGHT (LONG TONS)	ARRIVAL DATE SEMARANG	DATE DELIVERED AT SITE	INVOICE NO AND DATE	FAS VALUE OF CARGO US \$	TOTAL CIF VALUE	COST OF CARGO				
											US \$	US \$			
M-34A (Cont'n)	Refractory Materials	SS. Magsaysay U.S.A. Flag	1. 15 Dec '75	Baltimore U.S.A.	51.46	13 Feb '76	27 Nov '75	Invoice No. 11-165	18,000.00	27,875.14	8,722.85	869.65			
	Chain Hoist & Derrick								25 Nov '75						
	Transfer Header Assemblies								30 Nov '75	2,869.00	2,964.88	69.19	7.69		
					6.02		Invoice No. 11-168	31,000.00	33,115.15	2,047.95	227.55				
M-34A	Thermowelds	SS. Green Valley U.S.A. Flag	2. 30 Jan '76	Baltimore U.S.A.	0.03	7 Jul '76	5 Aug '76	Invoice No. 12-169	1,000.00	1,011.61	4.62	0.51			
	Water Gauges								9 Dec '75						
	Lagging Accessories								15 Dec '75	9,000.00	9,279.85	198.51	22.04		
	Refractory Accessories								23 Dec '75	0.04	240.87	3.88	0.43		
	Galvanized Ribs & Flat Sheets								23 Dec '75	0.12	98.00	116.68	16.14	1.79	
	Air Preheater Elements								31 Dec '75	58.27	20,000.00	24,727.71	1,112.31	177.72	
	Vision Duct & Accessories								23 Dec '75	26.46	38,000.00	42,066.05	3,434.70	351.65	
				1.29		4,100.00	4,644.84	463.55	51.51						
M-34A	Drum Support Frame (4 Bundles)	SS. Green Valley U.S.A. Flag	1. 24 Jan '76	Houston U.S.A.	9.56	19 Jul '76	25 Aug '76	Invoice No. 12-171	12,000.00	13,583.37	1,346.30	149.59			
M-34A	Stack Warning Lights	SS. Green Valley U.S.A. Flag	2. 13 Feb '76	Baltimore U.S.A.	3.05	31 May '76	23 Jun '76	Invoice No. 1-179	25,000.00	26,088.45	829.11	92.12			
	Control Valves								16 Jan '76						
	Boiler Tubes & Boiler Parts								16 Jan '76	4,500.00	4,650.23	108.59	12.04		
					32.15		Invoice No. 1-183	100,000.00	103,462.58	6,990.72	776.74				
M-34A	Air Preheater Parts	SS. Green Island U.S.A. Flag	1. 27 Feb '76	Baltimore U.S.A.	8.09	27 May '76	26 Jun '76	Invoice No. 1-178	24,000.00	25,395.80	1,197.94	123.10			
	One (1) Box Anchor Bolts								16 Jan '76						
	Feed Stop and Check Valves								26 Jan '76	70.00	75.61	4.62	0.51		
	Soot Blower Parts								29 Jan '76	1.28	13,275.20	171.10	19.01		
										6.95		52,000.00	53,787.42	1,295.42	141.27
							Invoice No. 1-184								
							5 Feb '76								

VENDOR : Foster Wheeler World Service Co.
EQUIPMENT : Steam Generator
CONTRACT NO : PJ-096/PST/74
LETTER OF CREDIT NO : 0103/2024/PL

PT. B. BEATCH INTERNATIONAL
KANSAS CITY, MISSOURI, USA
PERUSAHAAN BUMI LESTARI SEKELoa
AGENCY OF MINISTRY OF FOREIGN AFFAIRS
GOVERNMENT OF INDONESIA
100 MW (2x50MW) SEMARANG PLANT UNIT 102

UNITED STATES OF AMERICA
AND CANADA

SHIPPING STATEMENT
CUMULATIVE

DATE
6/04
PAGE NO
SS-1

SPEC NO	DESCRIPTION OF MATERIAL	NAME OF VESSEL AND FLAG	BILL OF LADING NO & DATE	PORT OF EXIT	GROSS WEIGHT LONG TONS	ARRIVAL DATE SEMARANG	DATE DELIVERED AT SITE	INVOICE NO AND DATE	FAS VALUE OF CARGO US \$	TOTAL CIF VALUE	COST OF OCEAN FREIGHT	
											AID FUNDS US \$	OTHER FUNDS US \$
M-34A	9 Bxs - Burner Control Equipment	SS.Green Harbor U.S.A. Flag	1. 27 Mar '76	Houston U.S.A.	3.82	23 Jul '76	9 Sep '76	Invoice No.2-188 24 Feb '76	Cost Included on Invoice No.2-189	1,449.30	1,241.60	137.96
M-34A	4 Bcls Boiler Tube & Access. 1 Bcx Boiler Tube & Access. 13 Sxs Air Preheater Element 4 Bxs Scot Blower Parts 2 Bxs Pipe Anch.&Cabl.Assy. 5 Bxs Miscellaneous Valves 50 Crtns Cal.Sil Pipe Insul.	SS.Green Harbor U.S.A. Flag	5. 7 Apr '76	Baltimore U.S.A.	6.48 26.19 0.25 0.17 1.71 1.71	16 Jun '76 7 Jul '76 " " " "	8 Sep '76	Invoice No.2-186 20 Feb '76 Invoice No.2-189 25 Feb '76 Invoice No.2-185 19 Feb '76 Invoice No.2-190 11 Mar '76 Invoice No.2-191 25 Mar '76 Invoice No.2-187 24 Mar '76	230,415.00 42,000.00 7,000.00 5,000.00 17,000.00 2,300.00	232,814.17 45,768.31 7,102.07 5,119.71 17,370.70 3,403.20	815.41 3,127.50 50.74 64.58 187.27 973.24	90.71 347.50 5.64 7.17 20.81 108.14
M-34A	13 Bxs Scot Blower & Parts 2 Bxs Pumps	SS.Green Island U.S.A. Flag	1. 21 May '76	Baltimore U.S.A.	16.81	21 Jul '76	26 Aug '76	Invoice No.4-193 14 Apr '76 Invoice No.5-195 13 May '76	20,000.00 99,000.00	127,271.47	1,675.26 4,696.65	186.14 521.85
M-34A	2 Pcs Boiler Tube 10 Bxs Air Heater Equipment	SS.Green Island U.S.A. Flag	2. 25 Mar '76	Houston U.S.A.	2.42	21 Jul '76	25 Aug '76	Invoice No.4-192 13 Apr '76 Invoice No.4-194 19 Apr '76	2,000.00 28,000.00	31,321.10	412.74 512.33	45.85 56.92
M-34A	1 Box Gasket 4 Cs FD Fan Motor 4 Cs FD Fan Motor 1 Box Boiler Parts	SS.Delta Sud U.S.A. Flag	1. 17 Jul '76	Baltimore U.S.A.	11.27	10 Oct '76	23 Oct '76	Invoice No.6-196 7 Jun '76 Invoice No.6-198 9 Jun '76 Invoice No.6-199 9 Jun '76	36.00 108,000.00 975.00	112,411.90	2,059.99 51.07	0.28 228.89 5.68
M-34A	4 Bxs Misc. Valves	SS.Green Harbour U.S.A. Flag	1. 8 Sep '76	Baltimore U.S.A.	0.84			Invoice No.6-197 7 Jun '76	17,000.00	17,373.60	188.98	21.00
M-34A	1 Ctn Steam Gage 1 Box Expanders & Tools (Continued to the next page)	SS.Jaladhanya Ind. Flag	2. 8 Nov '76	Baltimore U.S.A.	0.06 0.05	9 Apr '77	26 May '77	Invoice No.9-203 8 Sep '76 Invoice No.9-204 8 Sep '76	2,675.00 1,535.00	2,708.99 1,551.84	0.42 7.42	0.82 0.82
VENDOR : Foster Wheeler World Service Co.		BLACK & VEATCH INTERNATIONAL KANSAS CITY, MISSOURI USA		UNITED STATES OF AMERICA AID LOAN 497 M 024		PROJECT 6104						
EQUIPMENT : Steam Generator		PERUSAHAAN U.M.U. LISTRIK NEGERI AGENCY OF MINISTRY OF PUBLIC WORKS AND POWER GOVERNMENT OF REPUBLIC OF INDONESIA		SHIPPING STATEMENT CUMULATIVE		DRAWING SS-1						
CONTRACT NO : Pj.096/PST/74		100 MW (2 x 50MW) SEMARANG STEAM POWER PLANT UNITS 1&2										
LETTER OF CREDIT NO : 0103/3024/PL												

SPEC NO	DESCRIPTION OF MATERIAL	NAME OF VESSEL AND FLAG	BILL OF LADING NO. & DATE	PORT OF ORIGIN	GROSS WEIGHT LONG TONS	ARRIVAL DATE SEMARANG	DATE DELIVERED AT SITE	INVOICE NO. AND DATE	FAS VALUE OF CARGO US \$	TOTAL CIF VALUE	COST OF OCEAN FREIGHT		
											AID FUNDS US \$	OTHER FUNDS US \$	
(Cont'n) M-34A	4 Spray Valves	SS.Jaladhanya.	No.2.		0.50			Invoice No.8-200 3 Aug '76	4,500.00	4,796.41	226.58	25.21	
M-34A	Insulation Mat'ls (5 plts) Refractory 1 Box Boiler Mach Parts	SS. Jaladhanya Ind. Flag	1 8 Nov. '76	Baltimore U.S.A.	1.58 19.80 0.02	9 Apr '77	26 May '77	10-103 25 Oct. '76 9-100 30 Sep. '76 10-102 21 Oct. '76	No Charge No Charge No Charge		- - -	- - -	
M-34A	1 Box Gaskets	Air parcel post					7 Jan '77	11-104 5 Nov. '76	No Charge		-	-	
M-34A	1 Box Safety Valves 1 Box Sp Parts for Water Heater 1 Box Sp Parts for Air Preheater 1 Box Sp Parts for Sootblower 1 Ctn Nuts & Bolts 1 Crt Insulation Accessories 2 Bxs Control Drives	SS.Jalajaran	No.1. 25 Jan '77	Baltimore U.S.A.	0.05 0.89 0.33 0.08 0.01 0.58 0.27	19 Apr '77	9 Jun '77	8-201 3 Aug '76 11-214 13 Dec '76 12-213 7 Dec '76 11-211 23 Nov '76 11-209 15 Nov '76 11-212 29 Nov '76 11-210 23 Nov '76	504.00 4,060.00 1,121.00 2,231.00 20.00 633.00 2,353.00	517.12 4,503.92 1,173.77 2,300.42 24.17 1,112.78 2,680.22	7.42 363.27 37.07 40.78 3.71 422.54 111.20	0.82 40.36 4.12 4.53 0.41 46.95 12.36	
M-34A	1 Crt Spare Part for F.D Fan 1 Box Safety Relief Valve 1 Box Spare Parts for Feed Stop & Check 1 Box - ditto- 1 Box Spr. Prts.for Fisher Valves 1 Box Spr.Prts.for Burners	SS.Jalajaya	No.1. 19 Feb '77	Baltimore U.S.A.	0.41 0.06 0.03 0.04 0.01 0.09	9 Jun '77	12 Jul '77	1-216 6 Jan '77 1-218 6 Jan '77 1-220 28 Jan '77 2-222 11 Feb '77 1-221 18 Jan '77 12-215 20 Dec '76	3,844.00 20.00 865.00 1,040.00 390.00 7,000.00	3,957.79 37.35 886.02 1,057.42 402.41 7,124.75	68.43 14.63 11.12 5.93 7.42 51.68	7.60 1.65 1.24 0.66 0.62 5.77	
M-34A	6 Bxs Spare Parts	SS.Jalajaya	No.1. 15 Mar '77	Houston U.S.A.	4.17	9 Jun '77	26 Sep '77	1-219 28 Jan '77	50,000.00	52,588.33	1,879.09	208.79	
VENDOR : Foster Wheeler World Service Co. EQUIPMENT : Steam Generators CONTRACT NO : PJ.025/727/74 LETTER OF CREDIT NO : 0103 312-PL				BLACK & VEATCH INTERNATIONAL KANSAS CITY, MISSOURI USA PERUSAHAAN UMUM LISTRIK NEGARA AGENCY OF MINISTRY OF PUBLIC WORKS AND POWER GOVERNMENT OF REPUBLIC OF INDONESIA 100 MW (100MW) SEMARANG STEAM POWER PLANT UNITS 1 & 2				UNITED STATES OF AMERICA AID LOAN 497 H 074 SHIPPING STATEMENT CUMULATIVE				PROJECT 6104 DRAWING SS-1	

SPEC NO	DESCRIPTION OF MATERIAL	NAME OF VESSEL AND FLAG	BILL OF LADING NO & DATE	PORT OF EXIT	GROSS WEIGHT LONG TONS	ARRIVAL DATE SEPARANG	DATE DELIVERED AT SITE	INVOICE NO AND DATE	F A S VALUE OF CAMCO US \$	TOTAL CIF VALUE	COST OF CLEAN FREIGHT		
											AND FIDES US \$	OTHER FIDES US \$	
M-34A	3 Bxs Boiler Sp. Parts	SS. Jaladhanya	No.1. 28 Apr'77	Baltimore U.S.A.	1.21	19 Jul'77	23 Aug'77	4-225 dated 14 Apr'77	60,000.00	60,800.01	207.58	23.07	
	1 Box Sp.Prts for Pump & Heater Set				0.11			1-217 dated 6 Jan'77	3,685.00	3,761.51	17.07	4.12	
	1 Box Valves				0.02			9-205 dated 10 Sep'76	2,850.00	2,877.50	-	see invoice 4-225	
	1 Ctn Water gage Spare Parts				0.004			9-206 dated 10 Sep'76	440.00	444.41	-	see invoice 4-225	
	1 Cs. FD Fan Spare Parts				0.01			9-207 dated 6 Oct'76	322.00	325.54	-	see invoice 4-225	
	1 Box Miscellaneous Valves				0.06			10-208 dated 13 Oct'76	2,720.00	2,775.96	25.95	2.88	
M-34A	Replacement Pipe	Japan Airlines	AWR 131 - 60216380 5 May'77	New York U.S.A.	0.01	30 Jul'77	28 Nov'77	4-227 dated 28 Apr'77	-	No charge	-	-	
M-34A	Flexitalic Gaskets End Plugs	Japan Air Lines	131-61133240 2nd carrier,Empoh	New York U.S.A.	0.01	30 Jul'77	28 Nov'77	6-230 dated 20 Jun'77	-	No charge	-	-	
M-34A	Jumper Tubes	Japan Air Lines	131-61517540 2nd carrier,Empoh	New York U.S.A.	0.03	30 Jul'77	28 Nov'77	6-232 dated 27 Jun'77	-	No charge	-	-	
M-34A	Turnbuckles	Korean Air Lines	180-53825975 2nd carrier,Empoh	New York U.S.A.	0.02	30 Jul'77	28 Nov'77	5-228 dated 24 May'77	-	No charge	-	-	
M-34A	Straight Yolk	Japan Air Lines	131-61517676 2nd carrier,Kota Bintang	New York U.S.A.	0.02	6 Sep'77	22 Oct'77	7-718 dated 13 Jul'77	-	No charge	-	-	
M-34A	1 Box- 8 Valves	SS. Lakota Ind. Flag	-	Singapore	0.34	9 Jan'77	22 Oct'77	2-191A dated 25 Mar'76	-	No Charge	-	-	
M-34A	2 Bxs- Burner Equipment Cable	SS. Jalakanta India Flag	No.2. 30 Jul'77	Houston U.S.A.	0.96	18 Oct'77	21 Jan'78	6-229 dated 8 Jun'77	2,000.00	2,625.95	544.64	60.52	
M-34A	1 Cs Replacement Parts for Air Heater 8 Pils Refractory Mat'ls	SS. Pres. Monroe U.S.A. Flag	164510 CFS 2 Sep'77	Los Angeles U.S.A.	10.87	15 Oct'77	14 Nov'77	5-105,8Jun'77 8-166,11 Aug'77	No Charge 3,000.00	4,530.63	1,331.64	147.96	
VENDOR : Foster Wheeler World Service Co.				BLACK & VEATCH INTERNATIONAL KANSAS CITY, MISSOURI, USA				UNITED STATES OF AMERICA A I D LOAN 497 - H - E 24				PROJECT 6104	
EQUIPMENT : Steam Generators				PERUSAHAAN DAM LESTARI NEGARA AGENCY OF MINISTRY OF PUBLIC WORKS AND POWER GOVERNMENT OF REPUBLIC OF INDONESIA SEPARANG STEAM POWER PLANT				SHIPPING STATEMENT CUMULATIVE				DRAWING SS - 1	
CONTRACT NO : PJ.096/PST/74				100MW (2 x 50MW)								UNITS 1 AND 2	
LETTER OF CREDIT NO : 0103/3024/PL													

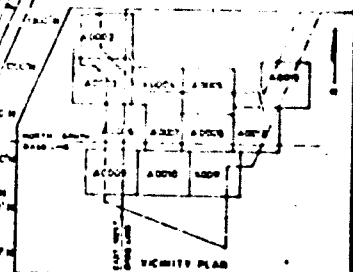
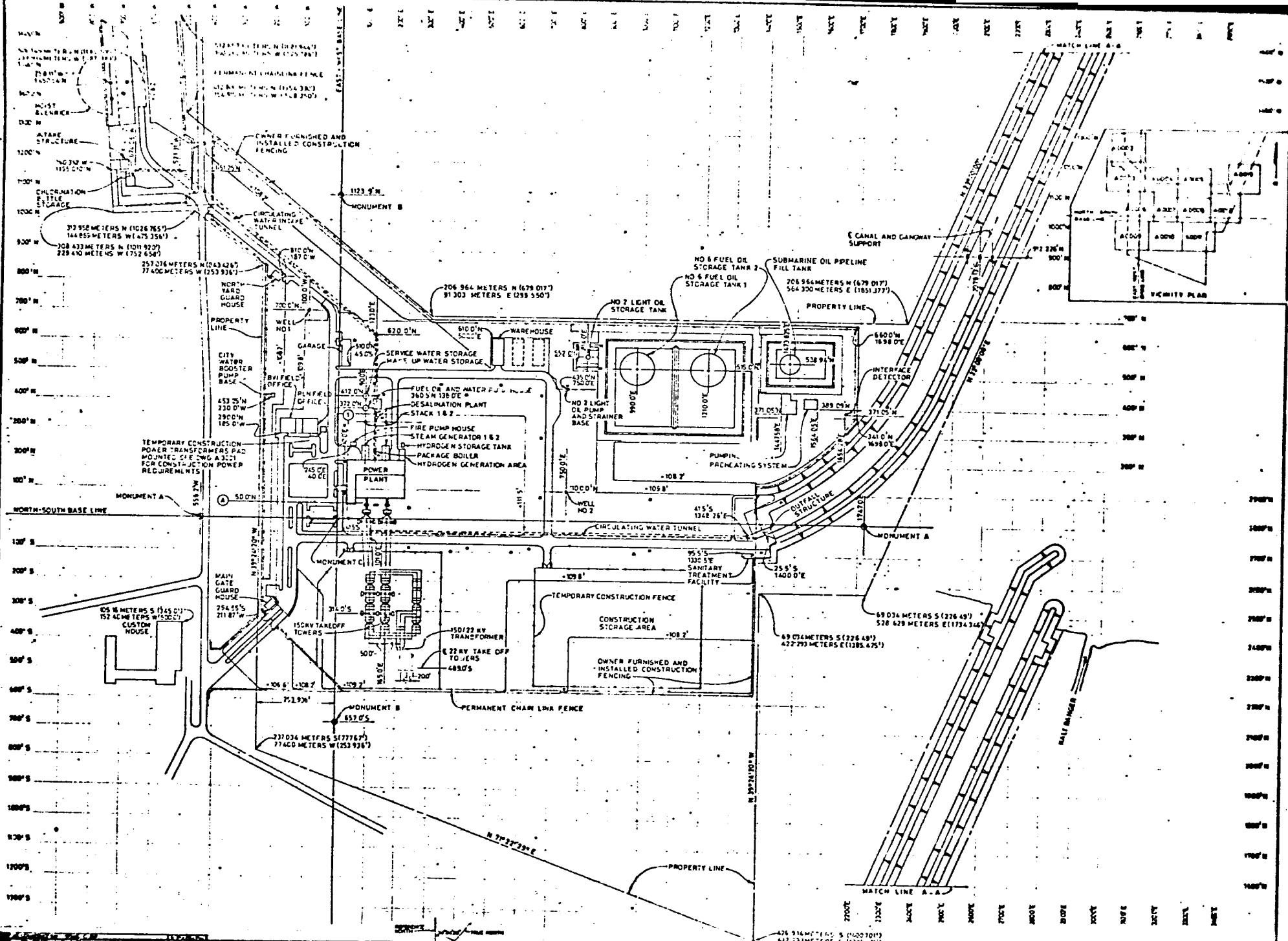
SPEC NO.	DESCRIPTION OF MATERIAL	NAME OF VESSEL AND FLAG	BILL OF LADING NO & DATE	PORT OF EXIT	GROSS WEIGHT LONG TONS	ARRIVAL DATE SEMARANG	DATE DELIVERED AT SITE	INVOICE NO. AND DATE	F A S VALUE OF CARGO US \$	TOTAL CIF VALUE	COST OF OCEAN FREIGHT	
											AID FUNDS US \$	OTHER FUNDS US \$
M-34A	Nuts & Bolts	Japan Air Lines	131-61549040	New York U.S.A.	0.001			8-234 22 Oct '77	25.00			
M-34A	6 Plts Refractories Materials 1 Crt Lugging Access. 1 Cn Spare Prts, Misc Parts	SS. Pres. Monroe U.S.A. Flag	043611 2 Sep '77	Los Angeles U.S.A.	8.77	13 Oct '77	24 Oct '77	8-101 11 Aug '77 8-100 10 Aug '77 4-226 11 Aug '77	2,520.00 1,000.00 680.00	3,732.47 1,036.32 699.46	1,054.48 22.48 11.55	117.17 2.50 1.28
M-34A	2 Bxs. Replacement Misc. Valve 70 Ctns Repl. Insul. Materials	SS. Jaladruv India Flag	1 10 Oct '77	Baltimore U.S.A.	0.89	1 Mar '78	22 Mar '78	9-108 16 Sep '77 9-107 16 Sep '77	No Charge No Charge		- -	- -
M-34A	1 Bx. Spr. Prts for Safety Valves 1 Bx. Misc Piping	SS. Jaladruv India Flag	2 10 Oct '77	Baltimore U.S.A.	0.09	1 Mar '78	22 Mar '78	6-231 24 Jun '77 9-235 16 Sep '77	3,750.00 200.00	3,842.33 253.89	27.63 45.94	3.07 5.11
M-34A	1 Bx - Sealing Bars Basket Wedges 1 Bx Body Valve 1 Bx Actuator, Electric Limitorq. Motor Hg., Ring, Screw Cap Sock, Washer, Lock, Adapter, Stem Limitorque, Washer Lock, Rod, Plug. 1 Ctn Replacement Parts 1 Crt Replacement Parts 1 Bx Replacement Parts 1 Ctn Replacement Parts	SS. Indrasakti Ind. Flag	SMR-18 29 Nov '72	Singapore	0.12 0.6 0.04 0.87 0.03 0.001	12 Dec '77	1 Feb '78	9-236 22 Sep '77 10-109 20 Oct '77 10-110 20 Oct '77 10-111 20 Oct '77 10-114 21 Oct '77 10-115 21 Oct '77	234.00 11,300.00 No Charge No Charge No Charge No Charge	512.50 13,870.29 - - - -	0 0 - - - -	272.95 1,511.29 - - - -
M-34A	2 Pkg Replacement Parts	Airfreight transhipped by SS. Borawind.	AWB-0261545 0256	Baltimore Singapore	0.22	19 Dec '77	4 Feb '78	11-237 16 Nov '77 11-116 16 Nov '77	No Charge No Charge		- -	- -
VENDOR : Foster Wheeler World Service Co.			BLACK & VEATCH INTERNATIONAL KANSAS CITY, MISSOURI U.S.A.				UNITED STATES OF AMERICA AID LOAN 497-H-024				PROJECT 6104	
EQUIPMENT : Steam Generator			PERUSAHAAN UMUM LISTRIK NEGERI AGENCY OF MINISTRY OF PUBLIC WORKS AND POWER GOVERNMENT OF REPUBLIC OF INDONESIA SEMARANG STEAM POWER PLANT (20MW x 2 x 500KW)				SHIPPING STATEMENT CUMULATIVE				DRAWING SS-1	
CONTRACT NO : PJ.095/PST/74												
LETTER OF CREDIT NO : 0103/3024/PL												

SPEC NO.	DESCRIPTION OF MATERIAL	NAME OF VESSEL AND FLAG	BILL OF LADING NO & DATE	PORT OF EXIT	GROSS WEIGHT LONG TONS	ARRIVAL DATE SEMARANG	DATE DELIVERED AT SITE	INVOICE NO. AND DATE	P.A.S VALUE OF CARGO US \$	TOTAL CLF VALUE	COST OF OCEAN FREIGHT		
											A.I.D FUNDS US \$	OTHER FUNDS US \$	
M-34A	1 Pkg Replacement Parts	Airfreight transhipped by SS. Bonawind	AWB- 0261545 0105	Baltimore Singapore.	0.01	19 Dec'77	4 Feb'78	10-112 20 Oct'77	No Charge		-	-	
M-34A	1 Box Replacement Threaded Rods	SS. Indrasakti	SMR-28 24 Feb'78	Singapore	0.03	1 Mar'78	31 Mar'78	12-117 19 Dec'77	No Charge		-	-	
M-34A	1 Ctn- Thermovells 1 Ctn Studs, Nuts & Washer 1 Keg Studs & Nuts	SS. Kuta Mulia	4 23 Mar'78	Singapore	0.002 0.005 0.03	1 Apr'78	21 Apr'78	2-240 2 Feb'78 2-239 2 Feb'78 2-238 2 Feb'78	No Charge		-	-	
M-34A	1 Ctn - Rotor Drive Motor Fans	SS. Indrasakti	SMR-18 7 Apr'78	Singapore		14 Apr'78	3 May'78	3-241 8 Mar'78	No charge		-	-	
M-34A	1 Crt Solenoid Valves	SS. Kutamulia	4 9 Jun'78	Singapore	0.02	19 Jun'78	13 Jul'78	4-118 7 Apr'78	460.00	573.28	-	107.52	
M-34A	2 Ctn Lagging Accessories 1 Bx Replacement Parts	SS. Kutamulia	4 9 Jun'78	Singapore	0.03 0.01	19 Jun'78	13 Jul'78	4-242 11 Apr'78 4-119 18 Apr'78	No Charge		-	-	
M-34A	1 Pkg Packing Rings 1 Ctn Flexible Hose	Airfreight	026-19729183	New York U.S.A.	0.007	15 Jul'78	8 Aug'78	5-243 3 May'78 5-120 4 May'78	No Charge		-	-	
M-34A	1 Ctn- Burner Rep. Parts	Pan - Am	026-20630540	New York U.S.A.	0.01			6-120 19 Jun'78	No Charge		-	-	
M-34A	1 Bx - Burner Repl. Parts	Pan Am	026-20674334	New York U.S.A.	0.002	20 Aug'78	13 Sep'78	6-244 30 Jun'78	No Charge		-	-	
VENDOR : Foster Wheeler World Service Co.				BLACK & VEATCH INTERNATIONAL KANSAS CITY, MISSOURI USA				UNITED STATES OF AMERICA A.I.D LOAN 497 - M - 024				PROJECT 6104	
EQUIPMENT : Steam Generator				PERUSAHAAN UMUM LISTRIK NEGARA AGENCY OF MINISTRY OF PUBLIC WORKS AND POWER GOVERNMENT OF REPUBLIC OF INDONESIA				SHIPPING STATEMENT CUMULATIVE				DRAWING SS - 1	
CONTRACT NO. : FJ.096/PST/74				SEMARANG STEAM POWER PLANT UNITS 1 AND 2									
LETTER OF CREDIT NO. : 0103/3024/PL													

SPEC. NO	DESCRIPTIO OF MATERIAL	NAME OF VESSEL AND FLAG	BILL OF LADING NO. & DATE	PORT OF EXIT	GROSS WEIGHT LONG TONS	ARRIVAL DATE SEMARANG	DATE DELIVERED AT SITE	INVOICE NO AND DATE	F.A.S VALUE OF CARGO US \$	TOTAL CIF VALUE	COST OF OCEAN FREIGHT		
											AID FUNDS US \$	OTHER FUNDS US \$	
S-10A	2 Pieces Overhead Crane 3 Boxes Parts	SS. Green Island U.S.A. Flag	1 1 Aug. '75	Norfolk U.S.A.	46.34	19 Oct. '75	23 Oct. '75	92983 28 May '75	149,000.00	173,107.50	20,406.71	2,267.41	
S-10A	1 Box- Crane Parts	SS. Pres. Harris. U.S.A. Flag	NY-ND-4251 16 Apr. '76	New York U.S.A.	0.37	12 Jun. '76	5 Aug. '76	09096 22 Mar. '76	6,995.00	7,124.45	70.87	7.88	
S-10A	3 Resistor Tube 1 Tuning Relay 1 Rectifier Assy 1 Rectifier Heat sink 2 Surge Suppressor 1 Resistor Tube 1 Transformer 1 Control Cable	KLM Royal Dutch Air Lines	074-27256084	New York U.S.A.	0.08		30 Dec '77	65255 10 Oct '77	No Charge				
<p>VENDOR : Dresser Crane</p> <p>EQUIPMENT : Turbine Room Crane</p> <p>CONTRACT NO : FJ.103/P22/74</p> <p>LETTER OF CREDIT NO : 0103/3061/PL</p>													
				BLACK & VEATCH INTERNATIONAL KANSAS CITY, MISSOURI USA JAKARTA INDONESIA				UNITED STATES OF AMERICA AID LOAN 497 H 024				PROJECT 6104	
				PERUSAHAAN UMUM LISTRIK NEGARA AGENCY OF MINISTRY OF PUBLIC WORKS AND POWER GOVERNMENT OF REPUBLIC OF INDONESIA				SHIPPING STATEMENT CUMULATIVE				DRAWING SS-1	
				100 MW (2x 50 MW) SEMARANG STEAM POWER PLANT UNITS 1 & 2									

SPEC. NO.	DESCRIPTION OF MATERIAL	NAME OF VESSEL AND FLAG	BILL OF LADING NO. & DATE	PORT OF EXIT	GROSS WEIGHT LONG, TONS	ARRIVAL DATE SEMARANG	DATE DELIVERED AT SITE	INVOICE NO. AND DATE	FAS VALUE OF CARGO US \$	TOTAL CIF VALUE	COST OF OCEAN FREIGHT	
											AID FUNDS US \$	OTHER FUNDS US \$
S-10B	17 Cases Hoist & Derrick Equip.	SS. Adrian Maersk U.S.A. Flag	T-1 30 Sep. '75	Long Beach California	22.25	25 Oct. '75	24 Nov. '75	2980 19 Sept. '75	95,079.00	105,189.33	0	8,967.60
S-10B	14 Cases Hoist & Derrick Equip. including Spare Parts	SS. Malhilde Mrsk U.S.A. Flag	T-1 30 Sep. '75	Long Beach California	56.36	24 Dec. '75	20-25 Feb. '76	2981 3 Oct. '75	200,000.00	233,918.51	0	31,377.52
S-10B	Hydraulic Fittings	Japan Air Lines	AWB 131-60121821 131-6093.5372	Los Angeles	0.06	29 Oct. '76	30 Nov 176 14 Jan '77	-	No Charge	-	-	-
<p>VENDOR : D.C. Mesner Associates</p> <p>EQUIPMENT : Hoist & Derrick</p> <p>CONTRACT NO. : PJ.161/PST/74</p> <p>LETTER OF CREDIT NO. : 0103/3088</p>												
<p>BLACK & VEATCH INTERNATIONAL KANSAS CITY, MISSOURI USA JAKARTA INDONESIA</p>						<p>UNITED STATES OF AMERICA A.I.C. LOAN 497 H 024</p>				<p>PROJECT 6104</p>		
<p>PERUSAHAAN UMUM LISTRIK NEGARA AGENCY OF MINISTRY OF PUBLIC WORKS AND POWER GOVERNMENT OF REPUBLIC OF INDONESIA</p>						<p>SHIPPING STATEMENT CUMULATIVE</p>				<p>DRAWING SS-1</p>		
<p>100 MW(2x 50MW) SEMARANG STEAM POWER PLANT UNITS 1 & 2</p>												

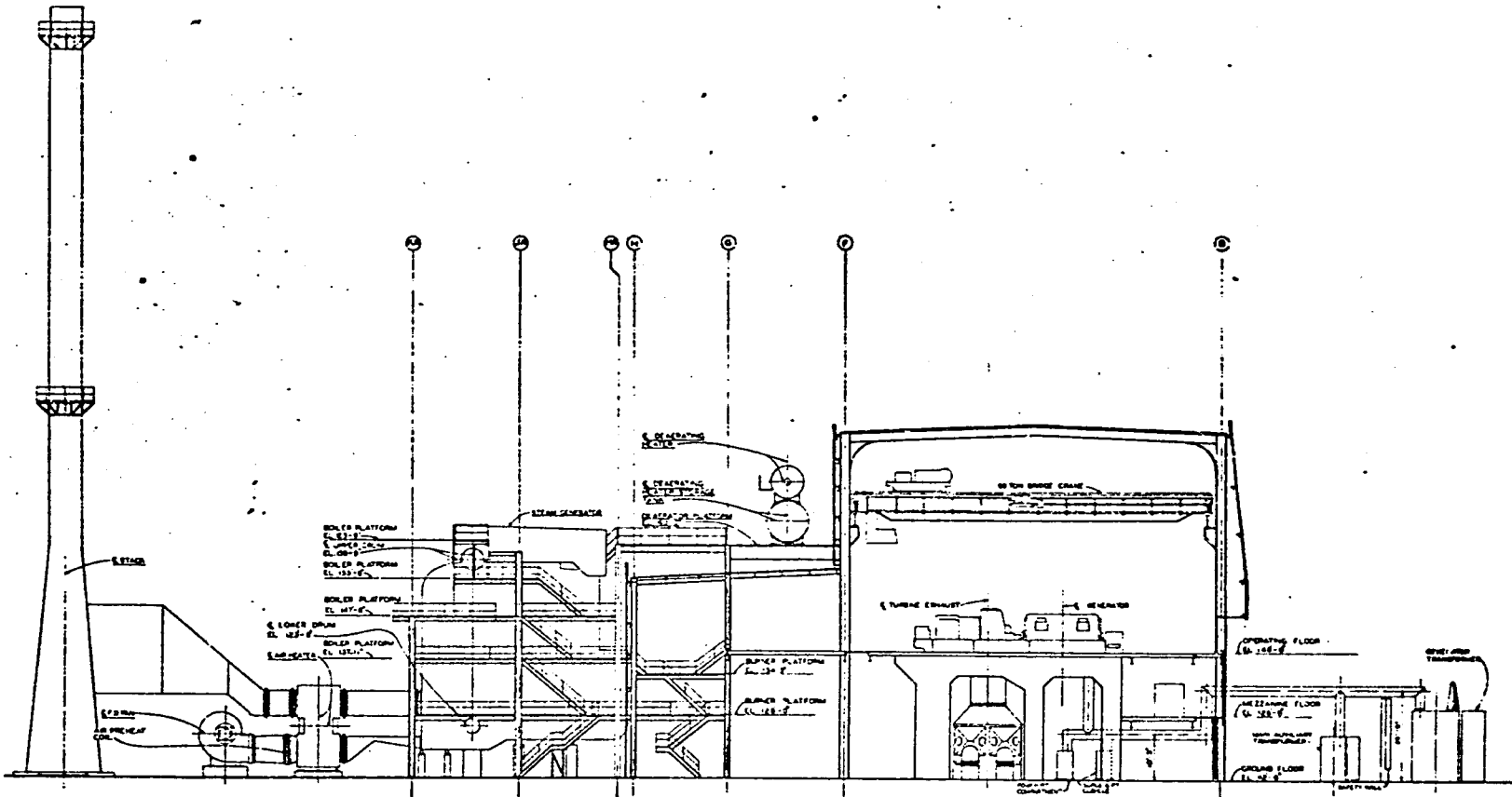
SPEC NO.	DESCRIPTION OF MATERIAL	NAME OF VESSEL AND FLAG	BILL OF LADING NO & DATE	PORT OF EXIT	GROSS WEIGHT LONG TONS	ARRIVAL DATE SEMARANG	DATE DELIVERED AT SITE	INVOICE NO AND DATE	FAS VALUE OF CARGO US \$	TOTAL CIF VALUE	COST OF OCEAN FREIGHT	
											AID FUNDS US \$	OTHER FUNDS US \$
S-20A	181 Bundles of Steel Reinforcing Bars	SS. Green Harbor U.S.A. Flag	1 7 Mar. '75	Norfolk U.S.A.	318.52	29 May '75	27 Jun '75	1	461,158.00	536,884.42	0	65,838.20
	184 Bundles of Steel Reinforcing Bars	SS. Green Harbor U.S.A. Flag	1 8 Jan. '75	Norfolk U.S.A.	333.27	29 May '75	27 Jun '75	1 April '75				
S-20A	156 Sheet Piles & Grating	SS. Djatisari Indonesian Flag	1 5 Sep. '75	Norfolk U.S.A.	229.31	1 Dec. '75	17 Dec. '75	2 1 Oct. '75	216,648.00	266,686.89	0	46,737.41
S-20A	(1263) Pieces Struc.Steel (Unit 1)	SS. Hadji A.Sulim	1 14 Dec. '75	Norfolk U.S.A.	721.05	7 Mar. '76	19-30 Mar '76	5	859,152.00	955,647.43	0	41,863.91
	(2381) Pieces Struc.Steel (Unit 2)	SS. Hadji A.Sulim Indonesian Flag	2 14 Dec. '75	Norfolk U.S.A.				5 Jan. '76				
VENDOR : Bristol Steel & Iron Work Inc.		BLACK & VEATCH INTERNATIONAL KANSAS CITY, MISSOURI USA JAKARTA INDONESIA				UNITED STATES OF AMERICA A.I.D. LOAN 497 M 024				PROJECT 6104		
EQUIPMENT : Fabricated Steel.		PERUSAHAAN UMUM LISTRIK NEGARA AGENCY OF MINISTRY OF PUBLIC WORKS AND POWER GOVERNMENT OF REPUBLIC OF INDONESIA				SHIPPING STATEMENT CUMULATIVE				DRAWING SS-1		
CONTRACT NO : PJ.188/PST/74		100 MW(2x50MW) SEMARANG STEAM POWER PLANT UNITS 1 & 2										
LETTER OF CREDIT NO : 0103/3087												



<p>1. GENERAL NOTES</p> <p>2. DIMENSIONS</p> <p>3. MATERIALS</p> <p>4. FINISHES</p> <p>5. UTILITIES</p> <p>6. FENCING</p> <p>7. CONSTRUCTION</p> <p>8. OTHER</p>	<p>9. LEGEND</p> <p>10. INDEX</p> <p>11. SCALE</p> <p>12. DATE</p> <p>13. DRAWN BY</p> <p>14. CHECKED BY</p> <p>15. APPROVED BY</p>	<p>16. PROJECT INFORMATION</p> <p>17. CLIENT</p> <p>18. DESIGNER</p> <p>19. CONTRACT NO.</p> <p>20. SHEET NO.</p>	<p>21. PROJECT LOCATION</p> <p>22. PROJECT DESCRIPTION</p> <p>23. PROJECT OBJECTIVES</p> <p>24. PROJECT SCOPE</p> <p>25. PROJECT PHASES</p>	<p>26. PROJECT CONTACTS</p> <p>27. PROJECT SCHEDULE</p> <p>28. PROJECT BUDGET</p> <p>29. PROJECT RISK</p> <p>30. PROJECT STATUS</p>	<p>31. PROJECT LOGO</p> <p>32. PROJECT WEBSITE</p> <p>33. PROJECT PHONE</p> <p>34. PROJECT FAX</p> <p>35. PROJECT EMAIL</p>	<p>36. PROJECT ADDRESS</p> <p>37. PROJECT CITY</p> <p>38. PROJECT STATE</p> <p>39. PROJECT ZIP</p> <p>40. PROJECT COUNTRY</p>	<p>41. PROJECT LEGAL</p> <p>42. PROJECT TITLE</p> <p>43. PROJECT NUMBER</p> <p>44. PROJECT VERSION</p> <p>45. PROJECT STATUS</p>
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SITE ARRANGEMENT GENERAL LAYOUT

A0001



LONGITUDINAL SECTION

<p>REVISIONS</p> <table border="1"> <tr><td>NO.</td><td>DESCRIPTION</td></tr> <tr><td>1</td><td>AS SHOWN</td></tr> </table>	NO.	DESCRIPTION	1	AS SHOWN	<p>SCALE</p>	<p>DATE: 1/20/54</p>		<p>BLACK & VEATCH INTERNATIONAL ENGINEERS ARCHITECTS</p>	<p>PERUSAHAAN UMUM LISTRIK RIKARA KEMENTERIAN PERUSAHAAN RIKARA JALAN SUDIRTA NO. 100 JAKARTA</p>	<p>PLANT ARRANGEMENT BUILDING SECTION</p>	<p>NO. 1005</p>
NO.	DESCRIPTION										
1	AS SHOWN										

Opening Turbine No.2 to ascertain cause of and repair steam leaks.



Drilling out "frozen" bolts.

Burning off "frozen" bolts.



Control and Switch houses at
Submarine Oil Line installation.



Repairing defective oil pump during check-out
of Submarine Oil Lines.



Photo shows team during
testing of Submarine Oil
Lines.

