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Monthly Progress Report

JULY 1983

Design and Construction Supervision of Grain and TOF Storage Facilities in Safaga and Alexandria

Prepared for:
General Authority for Supply Commodities
Ministry of Supply
Cairo
Arab Republic of Egypt.

prepared by:



**Black & Veatch
International**

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MONTHLY PROGRESS REPORT FOR

DESIGN AND CONSTRUCTION SUPERVISION

OF GRAIN & TOF STORAGE FACILITIES IN SAFAGA AND ALEXANDRIA

JULY 1983

I. PROJECT DESCRIPTION

I.A. Physical Description

The project consists of five (5) sub-projects aimed at addressing both Egypt's long term needs and at alleviating some of the immediate constraints within the existing grain storage and distribution systems as well as the tallows oils and fats storage and distribution systems. The following sections are a briefly outlined physical description of the five (5) sub-projects for which engineering services are presently being provided.

1) Laboratory Equipment

This sub-project consists of procurement of two (2) units of modern proximate analyzer for quality control of grains and flours.

2) Portable Bagged Grain Conveyors

This sub-project originally consisted of up to one-hundred (100) inclined, motor-drive, belt bagged grain conveyors. The quantity, however, to be purchased under this sub-project has been reduced to sixty-nine (69) units. These conveyors and related items will be located at various warehouse locations to reduce the present manual handling of bags thereby increasing the overall grain handling and processing efficiency.

3) Quay 81/82 Bagging Facility - Port of Alexandria

This sub-project consists of development of a grain receiving, storage and bagging system to be constructed adjacent to Quay 82 in the Port of Alexandria. The system will provide offloading for Quays 81 and 82 and it is designed to provide a total throughput of 6,000 metric tons/day of bagged grain based on 10 hours/day operation of the bagging facility and 20 hours/day of ship unloading.

4) Safaga Silo Complex - Port of Safaga

This sub-project consists of the development of a new port silo at the Port of Safaga. The new facility will have a storage capacity of 100,000 metric tons and a projected throughput of over 1,000,000 metric tons/year. This facility will include pneumatic ship unloading, conveyance systems, storage silo and grain bagging systems. The outloading capability of the complex will allow inland transport of grain by bulk truck and bagged grain truck as well as

bulk and bagged rail transport. The silo complex will be equipped with dust control systems, reclaim bucket elevators, accurate weighing facilities and aeration and fumigation equipment. This complex will also include a fully equipped machine shop, spare parts warehouse and workers' welfare building.

5) Tallows, Oils and Fats Facility - Port of Alexandria

This sub-project consists of development of a Tallows, Oils and Fats storage terminal with associated facilities for TOF offloading. Ship offloading will take place at one of two quays in the port of Alexandria and will be conveyed by pipeline to the storage facility located west of the port area. The TOF storage is comprised of 16 steel tanks. Six tanks with a total capacity of approximately 40,000 metric tons will be used for oil storage and will allow separate handling of at least two different kinds of oil simultaneously. Ten tanks of a total capacity of approximately 20,000 metric tons will be used exclusively for storage of inedible tallows. This terminal facility will allow distribution of 1,400 metric tons of oil and 700 metric tons of tallow per 8 hour day. Additional facilities to be provided will include an office, maintenance shop, laboratory, warehouse, truck scale, workers' welfare building and an operations building.

1.B. AID LOAN AGREEMENT

The Loan Agreement between the Arab Republic of Egypt (A.R.E.), Ministry of Supply and Home Trade, and the United States Agency for International Development (USAID) under loan No. 263-K-041 was signed on 28 September 1977 for the amount of \$42,000,000.-(forty-two million U.S. Dollars) for implementation of the sub-projects. Local currency costs are paid by the A.R.E.

The loan allocation to each sub-project as well as the local currency amounts funded by the A.R.E. for each sub-project was as follows:

| | U.S. Dollars (USAID Loan 041) | Egyptian Pounds (A.R.E.) |
|---------------------------------------|----------------------------------|-----------------------------|
| 1. Laboratory Equipment | 63,000 | 2,000 |
| 2. Portable Bagged Grain Conveyors | 572,000 | 7,000 |
| 3. Quay 81/82 Bagging Facility | 6,770,000 | 1,538,000 |
| 4. Safaga Silo Complex | 24,127,000 | 10,687,000 |
| 5. Tallows, Oils and Fats Facility | 9,324,000 | 2,655,000 |
| - Unallocated | 1,144,000 | |
| - Contingency | | |
| TOTAL | \$42,000,000 | L.E. 14,889,000 |

Project amounts committed to date for each of these sub-projects can be found in Exhibit I, in the Appendix beginning on Page C-2.

Procedures for utilizing the proceeds of the subject loan were outlined in AID Implementation Letter No. 1, dated 20 January 1978. Also, Implementation Letter No. 1 stipulated that the terminal date for requesting Letters of Commitment or amendments thereto, was 30 September 1981, and for disbursement, 30 June 1982. The terminal and disbursement dates were subsequently extended to 31 March 1984.

On 25 September 1982, USAID, representing the Government of the United States and the Ministry of Economy and International Trade, representing the Arab Republic of Egypt, signed Grant Agreement No. 263-0165 to finance the engineering and construction services, including equipment and materials, for a 100,000 metric ton grain facility at Port Safaga. The Grant is to assist the A.R.E. with implementation of the Safaga Silo project which was initially financed under AID Loan 263-K-041. Under the terms of the agreement, the U.S. Dollar contribution shall not exceed eighty million U.S. Dollars (\$80,000,000.00). The Project Assistance Completion Date (PACD) established by USAID Grant No. 263-0165 is December 31, 1986.

A separate Monthly Progress Report, Construction Supervision and Contract Administration of Safaga Silo Complex, U.S.A.I.D. P.N. 263-0165, presents the project description, project personnel and progress of work associated with the Safaga Silo Complex.

I.C. Consulting Engineering Services

The scope of engineering services to be provided under the terms of the Engineering Contract includes project planning, investigations, design recommendations, detailed engineering

design, assistance in the procurement of equipment, materials and construction services, supervision of construction and equipment installation, training of operating and maintenance personnel, and start up and operational test running of completed facilities. These services will be provided for each of the sub-projects as required.

The contract for providing the scope of services as described above was signed between the General Authority for Supply Commodities (GASC), an agency of the Ministry of Supply of the Government of the A.R.E., and Black and Veatch International Consulting Engineers (BVI), a duly recognized U.S. corporation, on 17 June 1978.

The firms in subcontract association with BVI are noted below. These firms provide services under the auspices of the BVI Engineering Services Contract:

Firm

Arab Consulting Engineers
Technical Industrial Consulting Office
M. A. Sinbel Consulting Engineers
Muessen, Rutledge, Johnston and Desimone Consulting Engineers.

The 17 June 1978 contract amount was \$3,771,665.- (three million seven hundred seventy-one thousand six hundred sixty-five U.S. dollars) and LE 947,085.- (nine hundred forty-seven thousand eighty-five Egyptian Pounds). A Direct Letter of Commitment (No. 263-K-041-01) in favor of BVI was issued by USAID for the U.S. dollar contract amount on 11 July 1978. The expiry date of the Letter of Commitment corresponds to the terminal date for disbursements under the USAID Loan. No Letter of Credit was required.

Amendments subsequently made to this contract are as follows:

1. Amendment No. 1, dated 17 July 1978, revised the contract such that reimbursement for services would be made through a Direct Letter of Commitment issued by USAID.
2. Amendment No. 2, dated 1 February 1979, provided for Soils Consultant services and subsequently increased the amount of the engineering contract to \$3,888,870.
3. Amendment No. 3, dated 8 January 1981, was approved by USAID on 22 January 1981. The amendment provides for increased budget for construction supervision at Quay 81/82, soils consultant and redesign of the Tallow portion of the TDF Facility. The amendment increases the amount of the engineering contract to USD \$4,175,594 and LE 1,082,679.
4. Amendment No. 4, was approved by USAID on 7 July 1981. The amendment provides for increased budget for design costs for the 50,000 metric tons Safaga Extension. The amendment increases the

U.S. Dollar portion of the budget by \$863,424.00, thus the total amount of the engineering contract was revised to USD \$5,039,021 and LE 1,082,679.

5. Amendment No. 5 was approved by USAID on 6 December 1981. The amendment provides for increased budget to cover extension of engineering and supervision services for the Quay 81/82 Project. The amendment increases the U.S. Dollar portion of the budget by \$199,292 and the Egyptian Pound portion by LE 54,600.-, thus the total amount of the engineering contract was revised to U.S. Dollars \$5,238 313 and LE 1,137,279.-.

6. Amendment No. 6 was approved by USAID on 10 March 1983. The amendment provides for increased budget to cover rerouting of the TOF pipelines and additional funds for engineering services to cover the increased TOF construction contract period over the original construction period at the time the original engineering contract was signed (17 June 1978). The amendment increases the U.S. Dollar portion of the budget by \$249,474.00 and the Egyptian Pound portion by LE 52,433.000 thus the total amount of the engineering contract is revised to U.S. Dollars 5,487,787.00 and L.E. 1,189,712.000.

7. Amendment No. 7 was approved by USAID on 10 March 1983. The Amendment provides an additional U.S. Dollar amount of 3,855,366.- and Egyptian Pounds 2,371,832.- for the engineering services associated with the 100,000 MT Safaga Silo Complex. Services associated with Amendment No. 7 are reported in a separate monthly progress report, Construction Supervision and Contract Administration of Safaga Silo Complex, USAID Project Number 263-0165.

I.D. Description of Contracts, L/Comms, L/Credits

The following section provides a brief description of each contract, Letters of Commitment and Letters of Credit issued under this Loan Agreement. A tabulated summary of this section can be found in Exhibit II, "Procurement Contract Summary", and Exhibit III, "Procurement Letters of Commitment/Letters of Credit", located in the Appendix C. Additionally, a tabulation reflecting each of the Procurement Change Orders (PCOs) issued to date may be found in Exhibit IV.

I.D.1) Engineering Contract

The Contract for design and construction supervision is as described in Section C above.

I.D.2) Equipment and Material Contracts

a. Lab Equipment

NEOTEC Instruments, INC., was awarded a contract on March 15, 1979 for the supply of near infrared grain analyzers, as described

in Paragraph I.A.1. The total contract amount of \$36,944.-, includes the purchase of optional equipment for maintaining and calibrating the instruments and technical services. The USAID Letter of Commitment for this contract was issued on May 3 1979 and the Letter of Credit to NEOTEC Instruments, INC., was opened on July 31 1979.

The Technical Service Representative from NEOTEC Instruments, INC., travelled to Egypt during September 1981 to calibrate and check-out the subject equipment.

b. Prefabricated Grain Storage and Bagging Bins

Peabody TecTank, Inc. was awarded a contract for IFB-263-K-041-M204 on 13 June 1979. The work performed under this contract consisted of providing all labor, material, equipment and supervision to design and fabricate twenty (20) bolted steel grain storage bins, each to contain 340 metric tons of wheat or corn, and thirty (30) bolted steel grain bagging bins each to contain 47 metric tons of wheat or corn at Quay 81/82 in Alexandria, A.R.E. Twenty (20) bolted steel grain bagging bins each to contain 47 metric tons of wheat or corn were provided for the Safaga Silo Complex at Safaga, A.R.E. All bagging bins included a bagging platform, reclaim hopper and supporting steel structure.

The total contract amount, including estimates for Technical Services and direct costs for supervision, was \$2,000,557. Purchase Change Order Number 1, however, issued on 20 June 1980 decreased this contract by an amount of \$15,969 to a revised total amount of \$1,984,588.

The USAID Letter of Commitment for the contract was issued on 13 July 1979, and the Letter of Credit to Peabody TecTank, Inc. was opened on 27 August 1979.

c. Interrupter Switchgear for Quay 81/82

American Export Group, Inc. was awarded a contract for IFB-263-K-041-E301 on September 1979. The work consisted of providing one indoor metal-enclosed interrupter switchgear, in accordance with detailed specifications and drawings. The total contract amount, including spare parts, was \$42,554.-.

The USAID Letter of Commitment for this contract was issued on 8 November 1979, and the Letter of Credit to American Export Group Inc. was opened on 27 December 1979.

d. Secondary Unit Substations for Quay 81/82

General Electric Company was awarded a contract for IFB 263 K-041-E306 on 9 September 1979. The work consisted of providing three (3) indoor secondary unit substations for the Quay 81/82 Bagging Facility, all in accordance with the specifications and drawings prepared by the engineer.

The total U.S. Dollar contract amount, including spare parts, was \$151,802.-, with an Egyptian Pound component estimate of L.E. 1,736.364.

Procurement Change Orders Number 1 and 2 were jointly approved by USAID on 29 November 1982. The change orders provide for technical services by the manufacturer's representative in the amount of USD 20,000.00.

The USAID Letter of Commitment for this contract was issued on 9 November 1979, and the Letter of Credit to General Electric Company was opened on 27 December 1979.

e. Drag Conveyors for Quay 81/82

Tramco Metal Products, Inc., was awarded a contract for IFB-263-K-041-M304 on 9 September 1979. The work to be performed under this contract consisted of furnishing, designing and supplying a complete drag conveyor system of the suppliers standard product line with proven performance, and in accordance with the engineer's specifications. The total contract amount, including spare parts, technical services and direct costs for supervision, was \$1,657,666.

The USAID Letter of Commitment for this contract was issued on 29 January 1980, and the Letter of Credit to Tramco Metal Products, Inc., was opened on 25 February 1980.

f. Portable Bulk Grain Conveyors for Quay 81/82

Mid-West Conveyor Company, Inc. was awarded a contract for IFB-263-K-041-M303 on 22 October 1979. The work to be performed under this contract consisted of furnishing, designing and supplying a portable belt conveyor system of the supplier's standard product line with proven performance, and in accordance with the engineer's specifications. The total contract amount, including spare parts, was \$233,300.64.

The USAID Letter of Commitment for this contract was issued on 25 January 1980, and the Letter of Credit to Mid-West Conveyor Company, Inc. was opened on 25 February 1980.

g. Motor Control Centers for Quay 81/82

American Export Group was awarded a contract for IFB-263-K-041-E302 on 25 October 1979. The work performed under this contract consisted of providing all labor, material, equipment and supervision to design and fabricate eleven (11) Motor Control Centers for use at the Quay 81/82 Bagging Facility in Alexandria, A.R.E. Control Centers 1 through 7 are in the grain storage area, units 81-1 and 81-2 at Quay 81 and units 82-1 and 82-2 at Quay 82. The original contract amount including spare parts was \$70,997.20. Purchase Change Order No. 1 executed on 7 July 1980, however, reduced the contract by \$10,464.- to a revised total amount of

J. Structural Steel & Miscellaneous Metals for Quay 81/82

Bell Steel Company was awarded a contract for IFB-263-K-041-S301 on 18 December 1979. The work performed under this contract consisted of providing all labor, material, equipment and supervision to fabricate all structural steel and miscellaneous metals as indicated on the drawings and specifications by the engineer. Estimated quantities were as follows:

| | |
|---------------------|------------------|
| Structural Steel | - 470 MT |
| Miscellaneous Steel | - 40 MT |
| Grating | -1800 sq. meters |
| Stair Treads | - 750 each |
| Handrailing | -1600 meters |

The Structural Steel and Miscellaneous Metals furnished under this contract will include, but not be limited to, the following:

| | |
|-------------------------------|-------------------|
| Structural Steel | Anchor Bolts |
| Miscellaneous Shapes & Plates | Guardrails |
| Grating | Bumper Posts |
| Stair Treads | Expansion Anchors |
| Handrailing | |

The original contract was issued for an amount of \$1,295,000. However, Purchase Change Order No. 1, executed on 3 March 1980, and Purchase Change Order No. 2, executed on 2 July 1980, increased the contract by \$58,950 and \$ 16,700 respectively. The total revised contract amount as a result of these change orders was \$1,370,650.-.

The USAID Letter of Commitment for this contract was issued on 29 January 1980, and the Letter of Credit to Bell Steel Company was opened on 25 February 1980.

K. Screw Conveyors for Quay 81/82

Newell Machinery Company was awarded a contract for IFB 263-K-041-M306 on 18 December 1979. The work performed under this contract consisted of furnishing, designing and supplying a screw conveyor system of the supplier's standard product line with proven performance, and in accordance with the Engineer's specifications. The total contract amount was \$90,225.-. A procurement Change Order in the amount of \$ 11,494.33, covering spare parts for the screw conveyors, was executed by GASC on 26 April 1981 and approved by U.S.A.I.D. on 11 May 1981.

The USAID Letter of Commitment for this contract was issued on 25 January 1980, and the Letter of Credit to Newell Machinery Company was opened on 25 February 1980.

L. Bag Closers and Bagging Conveyors

Aeroglide Corporation was awarded a contract for the Bag Closers and Bagging Conveyors (IFB-263-K-041-M203) associated with Quay 81/82 on 3 April 1980. The original IFB specified fifty (50) bagging units and seventeen (17) spare sewing heads; 30 each for Quay 81/82 and 20 each for Safaga. However, the contract was executed for only the Quay 81/82 portion of the equipment, as approval of the Safaga procurements had not been finalized.

The total U.S. Dollar amount of the contract for 30 units with 10 spare sewing heads, plus technical services and costs for direct supervision, was \$226,460.73, with an Egyptian Pound component of L.E. 1,050.-.

Purchase Change Order No. 1, in the amount of \$3,384.40, covering the purchase of additional 600 volt portable power cords for the Bag Closers and Bagging Conveyors, was approved on 6 December 1980.

Purchase Change Order No. 2, in the amount of \$169,800.00, covering the additional Bag Closer Units for Safaga, was approved by USAID on 9 September 1981.

Purchase Change Order No. 3, in the amount of \$17,068.99, covering the Bag Closers and Conveyors Spare Parts for the Quay 81/82 project was approved by USAID in July 1981.

On 1 April 1982, the USAID Letter of Commitment was amended by \$4,800.- to cover the cost of an additional trip to Egypt by the Technical Service Representative.

The USAID Letter of Commitment for this contract was issued on 12 June 1980, and the Letter of Credit to Aeroglide Corporation was opened in 1 July 1980.

m. Panel Boards for Quay 81/82

New World Research Corporation was awarded a contract for IFB-263-K-E307 on 22 April 1980. The work performed under this contract consisted of furnishing eleven (11) lighting and appliance panelboards for use at Quay 81/82 in Alexandria, A.R.E. The total contract amount was \$ 11,611.-.

Purchase Change Order No. 1 in the amount of \$2,943.00, covering the addition of 19 Bindicators for the portable surge bins, was approved by USAID on 18 December 1980.

The USAID Letter of Commitment for this contract was issued on 29 May 1980, and the Letter of Credit to New World Research Corporation was opened on 25 June 1980.

n. Spouting Gates and Valves for Quay 81/82

Hough Brothers, Inc. was awarded a contract for IFB-263-K-041-M307 on May 1980. The work performed under this contract consisted of

furnishing, designing and supplying spouting gates and valves for the industrial application of conveying whole grains, as detailed in the engineer's specifications. The total contract award amount, including spare parts, was \$163,481.-.

The USAID Letter of Commitment for this contract was issued on 30 May 1980, and the Letter of Credit to Hough Brothers, Inc. was opened on 25 June 1980.

o. Conductors for Quay 81/82

ONESCO, Inc. was awarded a contract for IFB-263-K-E304 on 6 May 1980. The work performed under this contract consisted of furnishing all conductors, conductor accessories, ground rods and ground clamp for use at Quay 81/82 Bagging Facility in Alexandria, Egypt, A.R.E. The quantities of material to be provided were detailed in the Engineers' specifications and documents. The total contract award amount was \$137,289.61.

The USAID Letter of Commitment for this contract was issued on 2 June 1980, and the Letter of Credit to ONESCO, Inc. was opened on 25 June 1980.

p. Conduit for Quay 81/82

ONESCO, Inc. was awarded a contract for IFB-K-041-E303 on 7 May 1980. The work to be provided under this contract consisted of furnishing all raceway and associated items of material for use at the Quay 81/82 Bagging Facility in Alexandria, A.R.E. The quantities of material to be provided were detailed in the Engineers' specifications and documents. The total contract amount was \$96,235.28.

The USAID Letter of Commitment for this contract was issued on 2 June 1980, and the Letter of Credit to ONESCO, Inc. was opened on 25 June 1980.

Purchase Change Order No.1, in the amount of \$1,615.00 covering additional Unistrut Clamps, was approved by U.S.A.I.D. on 26 October 1981.

q. U.S. Freight Forwarding Services for Alexandria and Safaqa

Alltransport, Inc. was awarded a contract for IFB-263-K-041-D10 on 12 May 1980. The work provided under this contract consisted of furnishing all labor, material and services required for forwarding shipments of material and equipment as requested by the Engineer, and in strict accordance with the terms and conditions outlined in the Specifications. The Forwarder was required to render to the Employer a complete and efficient Foreign Freight Forwarding Service in accordance with established and accepted customs, practices and procedures. The estimated U.S. Dollar contract amount for these services was \$966,654.-

The USAID Letter of Commitment for this contract was issued on 12 June 1980.

A Letter of Credit was not issued to Alltransport, however, as the contracting approach for freight forwarding services for the Alexandria and Safaga projects was subsequently revised. The Performance Bond was returned to the Contractor and the Contract was cancelled. The funds in the Letter of Commitment may thus be deobligated.

r. Lighting Fixtures and Supplies for Quay 81/82

ONESCO, Inc. was awarded a contract IFB-263-K-041-E305 on 13 May 1980.

The work performed under this contract consisted of furnishing all lighting fixtures, lamps, starters, ballasts, switches, receptacles, device plates, pushbutton stations, supports and miscellaneous items of material for use at Quay 81/82 Bagging Facility in Alexandria, A.R.E. The quantities of material to be provided were detailed in the Engineer's specifications. The total contract amount was \$ 219,615.32.

Purchase Change Order No. 1 in the amount of \$8,217.74, covering the purchase of additional cord receptacles, was approved by USAID on 19 March 1981.

The USAID Letter of Commitment for this contract was issued on 17 July 1980, and the Letter of Credit to ONESCO, Inc. was opened on 28 July 80.

s. Miscellaneous Architectural Items for Quay 81/82

ONESCO, Inc. was awarded a contract for IFB-263-K-041-A301 on 5 July 1980. The work performed under this contract consisted of furnishing Miscellaneous Architectural Materials, as detailed in the Engineer's specifications. The total contract amount was \$ 65,691.68.

The USAID Letter of Commitment for this contract was issued on 18 July 1980, and the Letter of Credit to ONESCO, Inc. was opened on 28 July 1980.

t. Ventilation Equipment for Quay 81/82

ONESCO, Inc. was awarded a contract for IFB-263-K-041-M310 on 16 July 1980. The work performed under this contract consisted of furnishing standard manufacturers equipment and components required for the ventilation system of an electrical building, as detailed in the Engineers' specifications. The ventilation system consisted of three (3) roof mounted air handling units, ductworks, supply registers and other specified items. The total contract amount for the ventilation system, including spare parts, was \$70,746.-.

Purchase Change Order No. 1, offering a \$2,000.00 credit for deletion of ductwork, was approved by USAID on 21 October 1981.

The USAID Letter of Commitment for this contract was issued on 12 August 1980, and the Letter of Credit to ONESCO, Inc. was opened on 6 August 1980.

u. Forklift Trucks for Quay 81/82

American Export Group was awarded a contract for IFB-263-K-041-M302 on 7 December 1980. The contract consisted of furnishing four (4) forklift trucks in accordance with the specifications and documents. The total contract award amount was \$68,310.00.

The USAID Letter of Commitment for this contract was issued on 26 January 1981, and the Letter of Credit to American Export Group, Inc. was opened on 19 March 1981.

v. Portable Bagged Grain Conveyors

American Export Group was awarded a contract for IFB-263-K-041-M202, as described in paragraph I.A.2, on 30 March 1981. The contract consisted of furnishing all labor, material, equipment, and supervision to design and fabricate and transport to Egypt, sixty-nine (69) electrically driven portable bagged grain conveyors. The conveyors incorporated several different design configurations in accordance with the specifications and documents.

The total contract amount, including estimates for Technical Services and direct costs for supervision, was \$581,945.80.

The USAID Letter of Commitment for this contract was issued in June 1981, and the Letter of Credit to American Export Group Inc. was opened on 7 August 1981.

I.D.3) Construction Contracts

a. General Construction of Quay 81/82 Bagging Facility (GC-1)

A contract was awarded to the Arab Contractors (Osman Ahmed Osman & Company) for IFB-263-K-041-C01 on 23 December 1979. Work performed under the specifications included all site work and the complete construction of a bulk receiving, storage and bagging facility in Alexandria, A.R.E.

The work under this contract included furnishing the specified materials and equipment, providing all supervision, labor, tools and transportation needed to perform the specified construction, and providing engineering data, instruction manuals, accessories, and field services as stipulated in accordance with the specifications, drawings and other contract documents.

The work performed included but was not limited to the following:

Installation of all concrete foundations and paving.
Construction of a scale house and scale pits.

Erection of all structural steel and prefabricated metal grain bins.

Installation of all mechanical equipment and instrumentation.

Installation of all electrical equipment.

Testing and start up of the entire facility.

Banque Du Caire, Letter of Credit No. 61049-19 was opened in favor of the Arab Contractors on 12 January 1980, in the amount of L.E. 3,007,050.-.

A summary of the Modification Proposals and Field Change Orders which have been executed by the GASC and the Arab Contractors may be found in Appendix C, Exhibit V.

b. General Construction of TOF Terminal Facility (GC-2)

A contract was awarded to Harbert-Howard Companies for IFB-263-K-041-GC2 on 30 April 1981. The contract award, however, was subject to the approval of the Council of State (COS), Arab Republic of Egypt. The COS approval was granted on 30 September 1981 and Contract Change Order No. 1 was prepared to incorporate the comments of the Council of State. The contract and change order were approved by U.S.A.I.D. in December 1981. The contract effective date, however, commences from the date of opening both the U.S. Dollar and Egyptian Pound Letters of Credit. The U.S. Dollar Letter of Credit was opened on 7 November 1981 and the Egyptian Pound Letter of Credit was opened on 15 November 1981.

The work performed under the specifications included all site work and the complete construction of a Tallow, Oils and Fats (TOF) receiving, storage and loading facility in Alexandria, A.R.E.

The work under this contract included furnishing the specified materials and equipment, providing all supervision, labor, tools and transportation needed to perform the specified construction, and providing engineering data, instruction manuals, accessories, and field services as stipulated in accordance with the specifications, drawings and other contract documents.

The work performed included but was not limited to the following:

All earthwork.

Installation of all concrete foundations and paving.

Erection of field erected storage tanks.

Construction of an operations building.

Construction of a trucker's welfare building.

Construction of an administration building.

Construction of a scale house and scale pit.

Installation of all mechanical equipment, piping and instrumentation.

Installation of all electrical equipment.

Testing and start-up of the entire facility.

c. General Construction Safaga Ancillary Buildings (GC-3)

This work has now been included in the construction contract documents for the Safaga Silo Facility, see item (g) below.

d. General Construction Safaga Port Silo (GC-4)

This work has now been included in the construction contract documents for the Safaga Silo Facility, see item (g) below.

e. Piling Work, Safaga Port Silo (D-6)

This work has now been included in the construction contract documents for the Safaga Silo Facility, see item (g) below.

f. Safaga Ship Unloaders (D-8)

This work has now been included in the construction contract documents for the Safaga Silo Facility, see item (g) below.

g. Construction Contract for the Safaga Silo Complex (GC-5)

On 25 September 1982, USAID and the Government of Egypt signed Grant Agreement No. 263-0165 to finance the engineering and Construction Services, including equipment and materials, for a 100,000 metric ton grain facility at the Port of Safaga.

With approval of the Safaga Grant Agreement, USAID stipulated that a new bid package (GC-5) be prepared which would combine the above GC-3, GC-4, D-6 and D-8 specifications into a "Whole of the Works" type construction contract. The engineer has prepared the drawings and specifications and the documents were issued to the prequalified contractors in March 1983.

II. PROJECT PERSONNEL

II.A. Organization and Staffing

The project organization includes both home office and field office personnel under the overall direct supervision of the Project Director.

1) BVI has assigned to the project, the following key home office personnel, all situated in the Kansas City Office:

| | |
|----------------|---|
| W.D. Duanne | Project Director |
| R.D. Wilson | Assistant Project Director |
| W.D. Duanne | Project Manager |
| J.P. Mc Cauley | Project Manager/TDF Facilities |
| J.P. Mc Cauley | Project Engineer/Grain & TDF Facilities |

An organization chart reflecting the key home office and field personnel may be found in Exhibit VI, located in the Appendix C of this report.

2) The following personnel are currently assigned to the resident field staff located in Egypt:

Wm. Alex Douglas Chief Field Project Manager
 C.G. Box Field Office Manager
 J. D. Dyer Alexandria Project Manager
 R.H. Colbert Mechanical/Electrical Engineer

II. B. Trips Made By Project Personnel

1. Home Office Personnel

Mr. J.P. McCauley, Project Engineer, arrived in Egypt on 22 July 1983 to review and discuss BVI/KC's evaluation of tenders submitted for the Safaga Grain Silos Complex. Mr. McCauley also visited the TOF site in Alexandria for discussion relative to final completion of the project.

Mr. A.M. Acheson, President of BVI, visited Cairo during the latter part of July 1983, and although Mr. Acheson's trip was primarily for other work in Egypt, time was devoted to reviewing the Grain and TOF projects with the GASC personnel.

2. Resident Staff

Several trips were made to Alexandria by Mr. Wm. Alex Douglas during the month of July 1983. The purpose of the trips was to review and discuss various technical and administrative matters associated with the construction of the Quay 81/82 Bagging Facility and the Tallows, Oils and Fats (TOF) Terminal Facility both located in Alexandria.

Mr. John Dyer and Mr. Bob Colbert traveled to Cairo on 11 July 1983 to coordinate project support activities with the BVI/Cairo office.

Mr. C. G. Box departed on Home Leave the end of July and is expected to return the middle of August.

Copies of the trip reports and meeting minutes can be found in Appendix A and B of this report.

II.C. Technical Services by Suppliers

Manufacturers service representatives will be required under the following procurement contracts:

| Contract 263-K-041 | Description | Supplier | Estimated No. of days |
|-----------------------|------------------------------------|-------------------------|--------------------------|
| M201 | Lab Equipment | Neotec Instruments, Inc | 5 |
| M204 | Grain Storage & Bagging Bins | Peabody Tectank, Inc | 150 |
| M304 | Drag Conveyors | Tranco Metal Products | 30 |
| M305 | Bucket Elevators | American Export Group | 10 |
| M205 | Truck & Railroad Track Scales | American Export Group | 115 |
| M203 | Bag Closers & Bagging Conveyors | Aeroglide Corporation | 25 |
| M202 | Portable Bagged Grain Conveyors | American Export Group | 5 |

1. Mr. Robert Baker, manufacturer's service representative for the Quay 81/82 Prefabricated Grain Storage and Bagging Bins (M204), arrived in Egypt on 20 November 1980. Mr. Baker traveled to the United States for a short holiday on 21 December 1980, and returned to Egypt on 17 January 1981. Additionally, he returned to the U.S. on March 11 due to a family illness, but returned to the site on March 24, 1981. Mr. Baker completed the major portion of these services and departed Egypt on May 9, 1981. A final one week inspection trip from 23 October to 29 October was made to Egypt by Mr. Baker for the M204 contract.

2. Mr. J.R. Stitt, Welding Engineer, arrived in Egypt on 30 January 1981. Mr. Stitt was sent to Egypt by Bell Steel Company's insurance agent to supervise repair to the damaged structural steel provided by this supplier. Mr. Stitt departed Egypt on 3 February 1981.

3. Messrs. L. Forrester and D. Robe of Tramco Metal Products arrived in Egypt on 15 March 1981 to supervise the Arab Contractors' personnel on the assembly and erection of the drag conveyors.

It should be noted that the Tramco Company is only required to provide one service representative, thus the second supervisor was provided at the Supplier's expense. Both representatives departed Egypt on 4 April 1981.

Mr. Leon Trammell, President of TRAMCO Metal Products, arrived in Egypt on 18 July 1981 for the second of the supervisory trips scheduled in the Drag Conveyor Contract.

Mr. Leon Trammell returned to Egypt on 20 December 1981 to supervise the final operational check-out of the Quay 81/82 Drag Conveyors.

4. Mr. E. J. Schlieper, manufacturer's Representative for the Bucket Elevators (M305), arrived in Egypt on 16 May 1981 to supervise the assembly and erection of the equipment. Mr. Schlieper departed Egypt on 5 June 1981.

5. Mr. Peter Jensen, Manufacturer's representative for the Truck and Railroad Track Scales (M205), arrived in Egypt on 24 June 1981. Mr. Jensen departed Cairo on 27 June 1981 after completion of the assembly and erection of the subject equipment.

6. Mr. Ray Carmody, the manufacturer's representative for the Laboratory Equipment Contract (M201), arrived in Egypt on 7 September 1981 and departed on 11 September 1981 after calibration of the Infrared Grain Analyzers.

7. Mr. Ray Robbins, Technical Service Advisor for the Bag Closers and Conveyors (M203), arrived in Egypt on 14 December 1981 and departed on 21 December 1981. During this trip, Mr. Robbins

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provided service and adjustment to the subject equipment and training of the General Company of Silos (GSC) personnel. Operational tests of the Bag Closers and conveying equipment, however, could not be finalized due to the unavailability of wheat. Therefore, Mr. Robbins returned to Egypt on 17 February 1982 to assist with the operation of the subject equipment and perform minor adjustments and modifications.

8. Mr. Dominick Bellocci, the General Electric Company Technical Service Advisor arrived in Egypt on 3 December 1981. Mr. Bellocci supervised the corrective work to the Secondary Unit Substation Equipment (E306), and operational check-out of the units. The representative departed Egypt on 22 December 1981.

9. Mr. Jorge Demianczyk, the General Electric representative, visited the Quay 81/82 project site during December 1982 to complete the final check-out of the secondary unit substation for the Quay 81 conveying sub-system prior to operational testing of the complete grain handling system.

10. Mr. Milton Bliss, the American Export Group representative, visited the Grain project site during May, 1983 to complete assembly and to inspect the Portable Bagged Grain Conveyors (M202) which sustained damage during shipment to Egypt.

III. PROGRESS OF WORK

III.A. Home Office Activities

Home office activities during the month of July entailed general support of the Quay 81/82 Bagging Facility in Alexandria including completion and review of the "Conformed to Construction Records" issue of the construction drawings. Regarding the TOF Terminal in Alexandria, preparation of Operating and Maintenance Manuals continued as well as preparation of responses to various questions raised by the general construction contractor during construction of the facility.

Home office activities during the month of July are summarized into the following major sub-items;

- PROCUREMENT
- INSURANCE CLAIMS
- TECHNICAL SERVICES
- TOF BID/CONTRACT
- TOF SUPPORT

- QUAY 81/82 SUPPORT

PROCUREMENT

The following outlines specific correspondence and activities

related to procurement during the month of July.

The portable bagged grain conveyors provided under IFB-263-K-041-M202 were damaged during shipment to the project site in Alexandria. The materials have been inventoried and a complete damage report has been filed with the supplier, American Export Group.

The General Company for Silos has warehoused and organized the unassembled portable bagged grain conveyors in preparation for assembly upon arrival of the technical service representative. It is also understood that some of the undamaged conveyor units have been assembled and are currently in operation in Safaga.

BVI has recommended that the manufacturer's representative for the conveyors be requested to travel to Egypt to assist in assembly of the equipment and appraisal of the damage reported. Arrangements were made for the trip by the manufacturer's representative to inventory, inspect and assist in assembling the conveyor units during the month of May. A complete report and recommendation has yet to be received from the service representative.

Regarding the Quay 81/82 Bagging Facility Contract, IFB 263-K-041-BC1, the following procurements have been discussed and reviewed with the General Authority for Supply Commodities and await a decision or further review before proceeding with the recommended purchases.

- 1) Communication system for operation of the bagging facility.
- 2) Portable fire extinguishers to be located throughout the bagging facility.
- 3) Filter media for installation on the surge bins to prevent dust from escaping from the conveyor system. A rotary valve is recommended at the discharge of the surge bins to seal the surge bin during operation. As an alternative to the filter media for collecting dust, the GASC is presently considering application of mechanical unloading devices which would increase the offloading capacity at the quay as well as minimize the dust from the ship unloading operations.

The above referenced items will facilitate operation and maintenance of the bagging facility.

In addition to the items discussed and reviewed with the GASC noted above, a Utilization Plan was prepared regarding the allocation of the loan funds which have not been committed. A Copy of the most recent draft of the utilization plan is included in the appendix of this progress report. Please note, however, that the utilization plan is in a preliminary form and has not been reviewed nor formally submitted to USAID by the GASC.

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INSURANCE CLAIMS

A total of twenty-two (22) Insurance Claims were filed in reference to the equipment procured for the Quay 81/82 Bagging Facility. The general status of the insurance claims is summarized in Appendix C Exhibit VIII of this progress report.

The only outstanding insurance claim is with American Export Group relating to the Portable Bagged Grain Conveyors, Contract No. 263-K-041-M202. The current status of this claim is as follows:

Mr. Milton Bliss of American Export Group traveled to Alexandria, Egypt May 7 thru May 9 to inspect the Portable Bagged Grain Conveyors damaged during shipment to Egypt. Although the local insurance agent, Lloyds, has been contacted, they have yet to provide a survey report on the damaged conveyors. The representative also unsuccessfully tried to contact the insurance agent in Alexandria. Mr. Bliss, however, agreed to provide a cost estimate for the items requiring repair or replacement for submittal to both BVI and the insurance company.

On May 11, 1983 American Export Group (AEG) advised that a letter of indemnity was required as the original insurance certificate has been lost. Details of the letter of indemnity were requested from AEG on 17 May, 1983. BVI also requested on behalf of the GASC that some positive indication be provided from the insurance company that the GASC damage claim will be honored and settled promptly.

Further investigation has found that the original insurance policy was made out with American Export Group as the named insured. The policy also states that a notice of claim must be given to American Export Group of the nearest Lloyds agent. Such notice was given at the time the damage was discovered.

On July 2 1983, a telex was received from American Export Group requesting that the original shipping documents relating to shipment of the Portable Grain Conveyors be returned to AEGIS. The GASC was also requested to issue a letter of indemnity to the Insurance Company. In response to this request, BVI sent the following telex to American Export Group.

Quote

20 JULY 1983
TO: AMERICAN EXPORT GROUP
WASHINGTON, D.C.
ATTN:MR. MONTY O'NEAL
VICE PRESIDENT

SUBJECT: GASC CONTRACT NO. 263-K-041-M202 AND BVI CLAIM NO. 22
RE : AEG TELEX MSC 67373/MONT/GT OF 2 JULY 1983: BY ITEM

AA) RE ITEM 1:IN DISCUSSIONS WITH GASC RE CLAIM, A COPY OF THE NEW HAMPSHIRE INSURANCE COMPANY POLICY C1063-0021-38 DATED 30 NOVEMBER

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1981 WAS REVIEWED. PLS NOTE THAT THE SUBJECT POLICY HAS STATED AMERICAN EXPORT GROUP AS NAMED INSURED. POLICY ALSO STATES THAT NOTICE OF CLAIM MUST BE GIVEN TO AMERICAN EXPORT GROUP OR NEAREST LLOYD'S AGENT.

BB) ORIGINAL INSURANCE POLICY WAS NEVER RECEIVED BY GASC. AS AMERICAN EXPORT GROUP IS NAMED INSURED ORIGINAL INSURANCE POLICY SHOULD BE IN POSSESSION OF AEGIS. HOWEVER, IF POLICY HAS BEEN LOST, WE FEEL ONLY AEGIS CAN ISSUE LETTER OF INDEMNITY (AEGIS NAME INSURED).

CC) RE ITEM 2: TO OUR KNOWLEDGE ORIGINAL SURVEY REPORT HAS NOT BEEN FILED BY LLOYDS, DESPITE OUR REPEATED REQUEST.

DD) RE ITEM 3 AND 4: BVI AND /OR GASC HAVE NO ORIGINAL SHIPPING DOCUMENTS.

EE) RE ITEM 5: AS AEGIS IS NAMED INSURED, AEGIS MUST FILE CLAIM AND FOLLOW-UP WITH INSURANCE COMPANY AND LLOYDS' AGENT.

FF) SHOULD YOU WISH TO DISCUSS THIS MATTER DIRECTLY WITH GASC, SUGGEST YOU CONTACT MR. MAHMOUD T.WALI, CAIRO TELEPHONE NO. 917055.

GG) PLS NOTE WE HAVE NOT RECEIVED DATA FROM MR BLISS REFERENCED IN YOUR TELEX.

Unquote

The supplier has not yet responded to BVI's 20 July telex.

TECHNICAL SERVICES

The itemized costs per day and the total technical services price of USD 229,000 incorporated in the tender documents did not include the direct reimbursable costs referenced in Contract Article 13: Paragraph 13.7, Payment and Completion.

Harbert-Howard Companies' Technical Services Invoice No. 9 covering the period from 26 February to 25 March 1983, exceeded the total budget for technical services. This is only due to the direct costs associated with contracted services which were not included in the original contract amount.

BVI therefore recommended that the GASC execute a Field Change Order to Harbert-Howard Companies for the required direct costs associated with the manufacturer's representatives for the TOF Terminal Project. Payment would continue to be based on approved technical service invoices. The Field Change Order is currently under review by the GASC.

On March 31, 1983 Harbert-Howard Companies was requested to release the technical service representatives for the tank erection. On May 10, 1983, Harbert-Howard Companies was further advised that funds were not available for payment of technical

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services beyond the amounts allocated in the contract. The technical service representatives have not yet been released as requested.

Comprehensive justification for the technical service representative cost over-run was, therefore, requested from the contractor in order to permit processing of the invoices. Although BVI has continued to certify technical services invoices as correct on the basis that the representative was on site and performing services in connection with the TOF Terminal Storage tanks, justification is required as to the time extension over the allocated period referenced in the Construction Contract.

TOF BIDS/CONTRACT (DECENNIAL INSURANCE)

A copy of the Decennial Insurance policy in accordance with Egyptian Law was transmitted to the GASC on 22 February 1983. The GASC and BVI are currently reviewing the policy.

TOF TERMINAL PROJECT SUPPORT

The BVI Kansas City office has completed a final draft of the text of the Operations and Maintenance Manual for the TOF Terminal which includes new maintenance and safety sections. Although the training program will be prepared by Harbert-Howard Companies as well as submittal of detailed operation and maintenance manuals for the equipment, BVI/Kansas City elected to prepare the text of the manual in order to provide well coordinated and complete operating instructions. A draft for sections I thru IV of the TOF Terminal Operating and Maintenance Manual was submitted in May and is currently being reviewed by the GASC.

Arrangements were made for meetings with the Central Fire Administration in order to obtain approval for connection of the permanent water supply to the Terminal Facility. The GASC and a representative of the Central Fire Administration traveled to the TOF Site in Alexandria to inspect and approve connection of the permanent water supply to the site on June 21 1983. To date the approval letter has not been received.

A letter from Detroit Diesel the supplier of the Standby Diesel Engine Generator provided for the TOF Terminal was received regarding the exhaust duct. Exhaust ducting from the generator through the wall is required for the exhaust louver however, for the intake louver, open windows into the room are sufficient to meet the suppliers criteria. A Modification Proposal/Field Change Order was prepared and submitted to the GASC for approval to provide the necessary exhaust ducting.

Work has begun on the preparation of the "Conformed to Construction Records" issue to the TOF Terminal construction drawings. Initial work in this area has been to revise the Quay piping drawings to the routings developed during the 1982 summer months and to reference the revised piping support details designed in the field

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by Mr. R. T. Zimmerman. In some cases due to the major piping rerouting which occurred, new drawings are being prepared.

The as built set of plans will incorporate the civil, mechanical and electrical revisions carried out during construction of the bagging facility so that the operating agency and subsequent facilities can refer to accurate construction parameters.

QUAY 81/82 SUPPORT

Preparation of the final "as built" set of drawings continued during the month of July. The as built set of plans will incorporate the civil, mechanical and electrical revisions carried out during construction of the bagging facility so that the operating agency and subsequent facilities can refer to accurate construction parameters.

The Quay 81/82 Bagging Facility is operational and remaining work activity will be limited to support of the Silo Company should problems arise during facility operation.

III.B. EGYPT ACTIVITIES

The principal activities in Egypt during the month of July included supervision of construction for the TOF Terminal in Alexandria. Although construction of the Quay 81/82 Bagging Facility is complete, resolution of formal turn-over of the project to the operating company and final payment to the General Construction Contractor required expenditure of effort during the month.

Exhibits reflecting the construction activities on the TOF Terminal Project is included in Exhibits X and XI in Appendix C.

Additionally, please find below a summary of the activities on each of the sub-projects through the month of July 1983.

QUAY 81/82 GRAIN HANDLING FACILITY

The following summarizes the status of construction and operation of the Quay 81/82 Grain Handling Facility in Alexandria.

Final operational checks were completed on the Quay 82 portion of the bagging facility in 1981 and the facility has been operating since January 1982 to offload grain ships.

Final operational checkout of the Quay 81 offloading equipment was conducted on 24 December 1982 and the GASC was formally advised on 30 December 1982 that the Quay 81 facilities are ready for immediate offloading of grain. On 12 May a grain ship arrived and full load operational tests were performed on 14 and 15 May. On 15 May, the complete Quay 81/82 Grain Handling Facilities were officially handed over to the General Company of Silos for operation.

TOF TERMINAL FACILITY

The following summarizes progress to date;

1. Storage Tanks

- a. Erection, testing and painting of the storage tanks is complete.
- b. Installation of the steam coils is complete in all tanks except 6 and 21.

2. Structures

Construction of the Operations Building, Office Building, Truckers Welfare Building, Substation and Scale House is complete and finish work is continuing. The status of the finish work is as follows;

| | (a) Operations Building (%) | (b) Office Building (%) | (c) Truckers Welfare Building (%) | (d) Sub- Station (%) | (e) Scale House (%) |
|-------------------|--------------------------------------|----------------------------------|---|-------------------------------|------------------------------|
| Doors and Windows | 82 | 80 | 60 | 100 | 20 |
| Plastering | 97.5 | 95 | 97.5 | - | - |
| Floor Finishing | 92 | 50 | 99 | - | - |
| Painting | 70 | 45 | 45 | 75 | 45 |
| Finish Carpentry | 67 | 72 | 70 | 100 | 25 |
| Electrical | 99 | 94 | 75 | 100 | 50 |

All finish work in the Operations Building is expected to be complete by 15 August and in the remaining buildings by 1 September. This work does not effect the checkout, startup or training programs.

d. Sewage Lift Station

Concrete placement and backfill has been completed for the sewage lift station.

e. Electrical Sub-station

Excavation, backfill, concrete casting, steel installation, masonry and dampproofing for the Electrical Sub-station Building are complete. By the end of this month installation of doors and louvers is 97%, grounding 90%, lighting 75% and painting and finish carpentry is 50% complete.

f. Package Treatment Plant

The Foundations for the treatment plant, hopper and blower foundations have been concreted.

f. Truck Loading Dock

The Truck Loading Docks are all complete except as follows:

- 1) Steel erection 95%
- 2) Process piping 90%
- 3) Electrical and grounding 85%

g. Drum Loading Structure

The Drum Loading Structure is complete except as follows:

- 1) Steel erection 95%
- 2) Process piping 85%
- 3) Electrical and grounding 75%

h. Retaining Wall

Construction of the concrete retaining wall is complete.

i. Concrete Paving

The concrete paving work was completed the first week in July.

3. Pipelines

a. Terminal to Quay

All pipe supports, piping installation and testing is complete between the terminal and Quay 87-2 and 87-5. Painting and insulation is 93% complete.

b. Terminal Area

In the Terminal Area all pipe supports are in place, 98% of the pipe has been installed and 75 % has been tested. The painting is 81 % complete.

c. Operations Building

Pipe installation within the Operations Building is 99 % complete and 65 % has been painted. Pipe testing is 10 % complete.

d. Fire Water Line

Excavation for and installation of the fire-water line is 98 % complete (underground section) and 80 % of the above-ground section has been installed.

e. Sewerage, Water and Drain Lines

Installation of the sewerage, water and drain lines is now 95 % complete.

4. Equipment Installation

a) Storage Tank Mixers

Installation of the storage tank mixers was started in July. This work is now 60 % complete.

b) Oil and Tallow Pumps and Motors

The Oil and Tallow pump and motor installation is complete except alignment and final adjustment of the couplings.

c) Diesel Engine Driven (stand-by) Pump

Installation of the Oil/Tallow stand-by pump is complete except for final alignment of the coupling. The Diesel Engine was checked out and operated by the Manufacturer's Service Engineer during the third week in July.

d) Rotary and Sump Pump

Installation of the rotary and sump pumps for the Oil Separator was started in July.

e) Air Compressor

Installation, checkout and startup of the air compressor was completed in July. It is now available for use in checkout and startup of other equipment.

f) Package Treatment Plant

The package treatment plant has been installed and is awaiting checkout and startup.

g) Package Boilers and Auxiliary Equipment

The installation of the package boilers, including deaerator,

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chemical pumps, recycle pump, blow down tank and flash economizer is complete. The Service Engineers are in the process of checking out and starting up this equipment. The equipment is expected to be in operation by the second week in August.

h) Emergency Generator

Checkout and startup of the diesel engine driven emergency generator was completed by the Manufacturer's Service Engineer during the third week in July. The generator is now on stand-by duty to back up the Egyptian Electricity Authority's supply.

i) Scale

The scale installation is 82.5 % complete. Completion of this installation is scheduled for the second week in August.

6. Electrical Installation

Installation of the electrical system is 96% complete. The only major work remaining is the installation of 400 meters of heat trace cable in the terminal area. The lighting switches and receptacle outlets must be installed in the Operations Building and Office Building. This has been delayed until the painting is complete.

All that remains to be completed on the grounding system is the installation of 70 lighting rods and 240 meters of interconnecting ground cables.

The damaged transformer was checked by the General Electric Company's Service Engineer during the first week in July and found to be in good condition. He also checked the operation of the switchgear and motor control centers.

The substation was energized from the Egyptian Electricity Authority system on 31 July 1983.

6. Miscellaneous

a) The sleeve for the sewer outfall line under the railroad tracks is installed. Trenching of the outfall line to the sea was stopped in March 1983 pending a permit from the Coast Guard Authority. The Coast Guard permit was issued on 1 August 1983.

b) Trimming of slopes in south east corner of Terminal Area and along the south side of the property is 90% complete.

c) Concrete has been placed for 90% of the service platform and crossover bridge foundations, and installation of platforms and bridges is 95% complete.

d) Installation of the chain-link security fence was started in June 1983 and is now 90% complete.

7. General

The following work had been completed by the end of July 1983,

| Item | Percent Complete |
|-----------------------------------|------------------|
| a. Temporary Works | 100 |
| b. Receiving permanent materials | 100 |
| c. Site preparation | 100 |
| d. Earthwork | 99.34 |
| e. Foundation & Concrete work | 99.68 |
| f. Tank erection | 99.79 |
| g. Structural Steelwork | 94.61 |
| h. Building erection | 84.73 |
| i. Mechanical erection | 78.99 |
| j. Piping installation | 96.19 |
| k. Instrument installation | 0 |
| l. Electrical Installation | 95.79 |
| m. Finish Work & Clean up | 55.0 |
| n. Startup & Training | 3.5 |
| OVERALL PROJECT COMPLETION | 96 |

During the month of July good progress was realized in concrete work, building erection, mechanical and electrical work.

It should be noted, however, that due to Ramadan and the shortened work hours the percentage rate of completion has continued to decrease. This will continue as the major portion of work being performed continues to shift from general construction to finish work.

LABORATORY EQUIPMENT

The laboratory equipment has been installed at the offices of the General Authority for Supply Commodities in Cairo and is presently in service.

PORTABLE BAGGED GRAIN CONVEYORS

A complete inventory and damage report has been filed detailing damage sustained to the portable bagged grain conveyors during shipment to Alexandria. The services of the manufacturer have been recommended to determine if the damage can be repaired locally and to assist in assembly of the conveyors. Mr. Milton E. Bliss arrived in Egypt and reported to the project site on 7 May 1983 to perform technical services associated with the Portable Bagged Grain Conveyors. In addition to the technical services Mr. Bliss was requested to assist in the settlement of the insurance claim associated with the damage report referenced above. A more detailed

summary of the insurance claim status is included in Section III.A. of this monthly progress report.

III.C. Status of Equipment and Material Deliveries

There were no new consignments of project material from the suppliers during the month of July 1983.

A complete tabulation of material shipments, arrivals at the Port of Alexandria and deliveries to the warehouse which have been made for this project can be found in Appendix C to this report, as Exhibit VIII, "Equipment Shipping Statement".

An "Insurance Claim Flow Chart" is inclosed on Page C-28, in Appendix C to this report, as Exhibit IX. The flow chart details the procedure which has been adopted for processing the Owner's claims for damaged and short-shipped materials. The majority of the materials supplied under the General Construction Contract for the TOF Terminal are procured by the contractor therefore claims for damaged and short-shipped materials will be processed by the contractor.

III.D. Status of Equipment Final Payments

In accordance with the contract terms and conditions, the final 10% payments would automatically become payable within a specific period of time from the date of issuance of the letter of Credit and receipt of the GASC Provisional Acceptance Certificate. In early 1981, the Provisional Acceptance Payments for several of the equipment supply contracts were due for release. The GASC, however, noted that these contracts may be subject to assessment of liquidated damages for noncompliance with the contractual equipment delivery terms (Part CS-1, Article 2.2).

Numerous meetings have been held between BVI and the GASC regarding the assessment of liquidated damages against the equipment suppliers that failed to adhere to the contract delivery provisions. BVI has steadfastly maintained that the intent of liquidated damages is to compensate the Owner (GASC) for actual damages as a result of late delivery. Additionally, liquidated damages should not be imposed as a penalty against a contractor.

In a meeting held with the GASC on 19 April 1981, it was agreed that final payments would be withheld against eight (8) equipment suppliers until all the equipment was delivered and determination made as to whether the delay had an effect on the construction schedule for the Quay 81/82 Project. "Stop Payment" orders were issued for contract E301 (Interrupter Switchgear), E306 (Secondary Unit Substations), E302 (Motor Control Centers), E307 (Panelboards), E303 (Conduit), E304 (Conductors), E305 (Lighting Fixtures and Supplies) and A301 (Miscellaneous Architectural Items). Additionally, the GASC agreed not to impose liquidated damages due to minor delay factors.

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Of the 21 Procurement Contracts for the Quay 81/82 Project, final 10% payments have been released to the following seventeen (17) suppliers. Liquidated damages were assessed against some of these payments. Please refer to Exhibit VII in Appendix C.

| Contract | Description | Supplier |
|----------|-----------------------------------|--------------------------|
| M304 | Spouting Gates and Valves | Lough Brothers, Inc. |
| M204 | Grain Storage & Bagging Bins | Peabody Tectank inc. |
| M303 | Portable Bulk Grain Conveyors | Mid-West Conveyors Co. |
| M203 | Bag Closers and Bagging Conveyors | Aeroglide Corporation |
| M304 | Drag Conveyors | Tranco Metal Products |
| M306 | Screw Conveyors | Newell Machinery Company |
| S301 | Structural Steel & Misc. Metals | Bell Steel Company |
| E301 | Interrupter Switchgear | American Export Group |
| E302 | Motor Control Centers | American Export Group |
| M305 | Bucket Elevator | American Export Group |
| E307 | Panelboards | New World Research Corp. |
| E303 | Conduit | ONESCO, INC. |
| E304 | Conductors | ONESCO, INC. |
| E305 | Lighting Fixtures & Supplies | ONESCO, INC. |
| M310 | Ventilation Equipment | ONESCO, INC. |
| M302 | Forklift Trucks | American Export Group |
| M205 | Truck and Railroad Track Scales | American Export Group |

The BVI office in Kansas City has received numerous complaints from the various suppliers which have not yet been paid for the equipment and services provided to the GASC. In order for the suppliers to receive payment, the GASC must issue a Provisional Acceptance Certificate, which is required by CITIBANK NY. A tabulation reflecting the outstanding contracts for which final payments are now due may be found in the Appendix, Exhibit VII, of this monthly progress report. As noted in the tabulation, most of the outstanding payments have now been released.

The GASC is currently reviewing the final payments which are due the suppliers and it is expected that most of the payments will be finalized in the near future.

III.E. Schedule

A comparison of the original schedules established in BVI's engineering contract with the GASC reveals that the major construction projects under Loan 263-K-041 are considerably behind the original schedule established for implementation of the five subprojects. The Quay 81/82 Bagging Facility is operational. The TOF Terminal construction contract was effective on 15 November 1981 and a comparison of the contractor's schedule and the actual progress is presented in Appendix C, Exhibit X.

III.F. Engineering Costs

Tabulations showing aggregated U.S. Dollar expenditures for the Grain and TOF Storage Facilities as of July 1983, can be found in

Exhibit XIII. The Egyptian Pound expenditures as of July 1983 may be found in the appendix following the tabulation for the U.S. Dollars. Further breakdowns of these costs by sub-project are also shown in the Exhibits. These tabulations show the cost for the month, costs to date and the percentage of the contract budgets consumed to date for each budget line of the contract.

As is shown in the tabulation, approximately 95% of the total U.S. Dollar Budget had been consumed through the month of July 1983 and 98% of the total Egyptian Pound Budget had been expended through July 1983.

III.G. Problem Areas

1. Quay 81/82 Grain Handling Facility, Port of Alexandria

The Bagging Facility is fully operational.

As the Quay 81/82 Facility is now fully operational and has been formally turned over to the General Company for Silos, several of the equipment suppliers have requested that the performance bonds be released by the GASC.

Contract Article 18.6: Guarantee of Plant stipulates that "after the expiration of the guarantee period as specified under this article and fulfillment of the contractor of his obligations related thereto, the Employer shall issue to the Contractor a Final Acceptance Certificate to that effect." An example of the Final Acceptance Certificate is contained in contract article 25.8.9. Article 9, Performance Bond of the contracts require that the subject bonds remain in force until issuance of the Final Acceptance Certificate.

BVI has recommended that the Final Acceptance Certificates be issued to each of the Quay 81/82 suppliers which have fulfilled all contractual obligations. Issuance of the Final Acceptance Certificates will release the suppliers from liability under the Performance Bonds. Accordingly, the GASC/BVI must review each equipment supply contract for the Quay 81/82 Facility, and prepare the "Final Acceptance Certificate" for GASC approval, if appropriate.

To date no final acceptance certificates have been issued.

Maintenance of the sewing machines requires constant attention to the lubrication requirements and the need to keep the machines relatively clean. BVI has recommended that the services of the local manufacturer's representative be obtained to assist in maintenance of the sewing machines. Without proper maintenance the sewing machines will not provide the length of service desired.

The general appearance of the Quay 81/82 Bagging Facility indicates that a major clean up of the entire facility is required. A general clean-up will increase the operational efficiency as well as

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minimize the safety hazards associated with the accumulation of grain dust.

2. Safaga Silo Project

- A Grant Agreement was signed on 25 September 1982 for the Safaga Silo Complex of 100,000 Metric Tons of Grain Storage. Services provided for the Safaga Silo Complex under the Grant Agreement are reported in a separate monthly progress report, Construction Supervision and Contract Administration of Safaga Silo Complex, USAID P.N. 263-0165.

3. TOF Terminal Project

The itemized costs per day and the total technical services price of USD 229,000 included in the TOF Terminal General Construction tender documents did not incorporate the direct reimbursable costs referenced in article 13, Payments and Completion paragraph 13.7. Thus, the total budget established for the manufacturers representatives will be exceeded prior to completion of the TOF Terminal construction.

The utilization plan submitted on 26 October 1982 recommended that at least a portion of the remaining USAID Loan 041 funds be committed to the technical services for the TOF Terminal construction project. BVI estimates that an additional USD 100,000 will be required for the direct costs associated with the manufacturers technical services.

BVI has recommended that the GASC include the direct costs for the manufacturers representatives in the Utilization Plan in order to insure successful completion of the TOF Terminal Project. Sufficient funds remain in Loan 263-K-041 to cover the above referenced costs, but a formal request must be presented to USAID.

Harbert-Howard Companies has claimed for demurrage charges which have been levied against various project shipments for the TOF Terminal Facility. The contractor has requested reimbursement based on Contract Article 2: "Shipping Information and Article" 7.8: "Taxes and Duties".

BVI and the GASC are currently ascertaining the validity of the contractor's claim, as it relates to the contract, and auditing the amounts requested for reimbursement.

Two air freight shipments of equipment for the TOF Terminal Facility arrived at the Cairo airport in June. As of the end of July customs clearance has not been effected for the materials. The failure to receive the materials will result in delays to the schedule for completion of the facility.

4. Portable Bagged Grain Conveyors

The services of the manufacturers representative was recommended to

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assist in assembly of the conveyor units and to determine if the units damaged during shipment to the project site can be repaired locally. The representative traveled to Egypt during the month of May but a full report has yet to be received.

APPENDIX

A. TRIP REPORTS

TRIP REPORT - TRIP TO CAIRO

July 4 - 6, 1983

A trip to Cairo was made by Mr. J. D. Dyer of Black & Veatch International (BVI) and Mr. Mohamed Delawar of TICO on 4 July 1983. The purpose was to report on the visit of U.S. AID officials to the TOF Terminal on 27 June and to discuss various technical and administrative matters with GASC and BVI Cairo. The following summarizes the main points discussed.

A) TOF Terminal Visit by USAID

Mr. Stone, AID Mission Director in Cairo and his inspection team visited the TOF Terminal on the morning of 27 June 1983. The team viewed and discussed the progress of the work. They were advised that progress had slowed some what due to the Ramadan but the project is still expected to be completed on schedule.

B) Technical Matters Discussed with BVI

1) Contractor's Performance

The problems experienced with H & H on the TOF Terminal were discussed and these should be considered in discussion with H & H on the Safaga Project. Three main points were:

- a) Schedule
- b) Supply of technical specialists
- c) Responsibility for Sub-contractors.

2) Fuel Oil Unloading Pump

It has been learned that the fuel oil trucks in Alexandria are not equipped with unloading pumps. To get the fuel oil into the storage tank, an auxiliary fuel oil unloading pump will be required.

3) Memo EDALR: 410

This Memo listed twelve (12) items that require action by GASC. Each item was discussed individually. The main points were:

- a) Approval of Change Orders.
- b) Operating personnel for training.
- c) Purchase of communication equipment and telephone/telex connection, laboratory equipment and spare parts.
- d) Storage of materials and spare parts.
- e) Consultation agreement for operation and maintenance assistance.

C) Discussions with GASC

Visited GASC office but Mr. Wali was not in or not available. Discussed the Fire-water Line connection with Eng. Ali. He will follow up with the Civil Defence Administration to obtain the approval for connecting to the Alexandria Fire-water Line. Later, the June progress report was discussed by telephone with Mr. Wali. He wants better progress.

John R. Dyer
30/7/83 1/2k

TRIP REPORT - TRIP TO ALEXANDRIA

July 6 thru 9, 1983

A trip to Alexandria was made by Mr. Wm. Alex Douglas of Black & Veatch International on 6 July 1983. The primary purpose of the trip was to coordinate construction activities on the TOF Terminal Construction project in Alexandria. A representative of Fischbein, the manufacturer of the Quay 81/82 Bagging Facility sewing machines, accompanied Mr. Douglas on the trip to Alexandria to assist/advise the General Company of Silos on maintenance of the sewing machines. The following summarizes items discussed and reviewed during the trip to Alexandria.

6 July 1983

A) Quay 81/82 Site Visit and Meeting with General Company for Silos:

A meeting was held at the offices of the General Company of Silos to discuss and review operational difficulties associated with the Quay 81/82 Bagging Facility in Alexandria. Please refer to separate meeting minutes prepared for the discussions held at the Bagging Facility.

B) Outfall, TOF:

Delays have been encountered in obtaining the required authorization permits for construction of the package treatment outfall to the sea. Harbert-Howard Companies were stopped from completing the outfall line by representatives of the Alexandria Coast Guard Authorities. A summary of contacts/permits obtained to date follows this sheet.

TRANSLATION

6.3.1983 Letter from GASC/Alexandria to the North Zone Commandar

13.3.1983 Letter from GASC to Mr. Wali

19.3.1983 Letter from unit No. 26 to Military investigation unit Alex

23.4.1983 The reply of investigation unit to unit 26 after investigating the site on 16/4/1983.

2. 5.1983 Letter from unit 26 to Armed Forces operation unit for giving opinion and approval

10.5.1983 Letter from Armed Forces operation unit to:

- A. Armed Forces Supplies
- B. Navy
- C. North Borders unit
- D. North area operating unit

15.5.1983 Reply of Armed Forces Supplies

17.5.1983 Reply of North area operating unit

Reply of Navy

29.5.1983 Letter from Borders unit to unit 22

2.6.1983 Reply of unit 22 to north area

12.6.1983 Reply of North borders unit to borders Cairo

15.6.1983 Reply of borders Cairo to armed forces operating unit

20.6.1983 Reply of borders operating unit to armed forces borders unit

22.6.1983 Collect all previous approvals and send them from armed forces operating unit to unit 26

25.6.1983 GASC letter did not arrive to investigating unit

27.6.1983 The final approval from armed forces operating unit to unit 26

29.6.1983 Received the approval from unit 26

7. July 1983

A) Site Visit:

The following check list items were noted during a morning inspection of the site construction. In addition, Harbert-Howard Companies had confirmed that clean up of the site would commence immediately following the Ramadan feast.

- a. Check steam tracing conduit pipe support details. Do drawings show unistrut supports welded to pipeline ?
- b. Cover vertical riser adjacent to valve manifold near oil pit.
- c. One out of three caps missing on 3/4" disconnects at tanks.
- d. Check valves on small boiler for compliance with specifications.
- e. Check pipe support details for oil lines in the south-east corner of the operations building.
- f. Is the pipe support on the main boiler blowdown permanent ?
- g. The following data from the oil and tallow meters.

Meter Vegetable Oil,

Min 57, max 1325 lpm, 105 kg/cm²

Meter Tallow

Min 15, max 350 gpm, 150 psi

Please check specification and shop drawing to see if kg/cm² or psi standards shown. This could be quite confusing during operation if the two systems are used.

B) Outfall Details:

Due to delays in obtaining the necessary approvals for connection of the sewage outfall line, Harbert-Howard Companies was forced to release the back-hoe and equipment suitable for excavation in rocky soil encountered in the excavation area. Consideration will be given to altering the elevations of the line to minimize the amount of excavation in rock required.

A site inspection indicated that the pipeline would be installed below grade with concrete cover to grade in certain areas with minimal rock excavation. The line however should be below the existing contour.

C) Site Water Supply:

The GASC is currently attempting to obtain an approval letter from the Central Fire Administration for connection of the fire water line to the site. BVI contacted Boyle Engineering, Montgomery Engineering and the Alexandria Water Authority to determine the available line pressure and capacity. Drawings detailing the existing and planned system have yet to be located however additional contacts were provided by the personnel noted.

D) The following TOF Facility punch list items have been reviewed with the BVI/Alexandria site staff and Mr. Lester Perry, Harbert-Howard Companies operations superintendent:

1) Telecommunications

A telecommunications system will be required for both the Quay 81/82 Bagging Facility and the TOF Terminal. Two options have been presented to the GASC for considerations, but to date, a decision has not been reached.

2) Spare Parts

BVI/KC is presently preparing a list of spare parts and has advised that a preliminary list should be ready within a week. The list will be carefully reviewed to see that adequate parts are included to permit successful operation of the terminal. The electrical portion of the spare parts list will be amended by the BVI/Alexandria site staff to add any electrical parts deemed necessary.

3) Laboratory Equipment

A list of laboratory equipment has been requested and will be submitted with a listing of tools to the GASC for review and consideration.

4) Approval of Field Change Orders

The GASC has yet to approve the outstanding TOF Field Change Orders

(manhole covers and exhaust duct). Harbert-Howard Companies was advised that BVI could issue a Modification Proposal, Prepare prepare a Field Change Order (FCO) and submit the FCO to the GASC with a recommendation that the price is reasonable and that the GASC execute the Change Order. Unfortunately, without the GASC's signature, BVI cannot guarantee payment to Harbert-Howard Companies.

5. Location of Storage Area

The GASC has requested an estimate of the required storage space for the piping to be turned over from Harbert-Howard Companies (HNH). BVI/Cairo has advised that 1,300 square meters will be required as this is the size of the existing HNH warehouse. To date, the GASC has not taken action on this matter.

6. Small Value Procurement Budget

BVI/Cairo has discussed the possibility of establishing a small value blanket procurement budget to permit completion of the TOF Terminal or schedule with the GASC. A letter has been prepared suggesting a limit of LE 10,000 for on site authorization and advising that BVI will proceed on this basis unless notified otherwise.

E. TOF Modification

The following TOF Facility change was discussed:

Modification to handrailing of the cross-over platform adjacent to the storage tanks to provide more convenient access for operation of the valves. The modification will consist of relocation of one vertical handrailing post, removal of two or four horizontal sections and replacement with a chain and hook. A modification proposal will be prepared for the handrailing modification.

F. Meeting Agenda

An agenda was prepared for a meeting scheduled on site with representatives of the GASC. The site visit was later cancelled.

9 July 1983

A. Site Visit

The following check list items were noted during a morning inspection of the TOF Terminal Site.

Capillary tubing on differential pressure (DP) cells installed overhead on pipeline to truck/drum loading area should be installed within aluminum tubing tray; this should be done while scaffolding is still in place.

Hangers for piping specified as Fee and Mason, Grinnel or F & S Central, Torch cut unistrut not found in any of the above product lines.

Vertical rods for pipe supports should have lock nuts.

Expansion anchors for some of the steam piping supports in the operations building do not comply with specifications as standard screw visible.

Pipelines should be run parallel to the building lines. Some small piping runs in the operations building offset at an angle for no apparent reason other than to save fittings.

Unions or flanges should be provided at all final connections to the equipment, traps and valves. Make a list of missing unions or flanges.

Cap required for protection on riser at drum loading dock as well as other locations.

B. Meeting With The Alexandria Oil and Soap Company

Representatives of BVI met with the Chairman of the Alexandria Oil and Soap Company to discuss the requirements for laboratory equipment at the TOF Terminal Site. Please refer to separate meeting minutes/ laboratory equipment listing prepared for the meeting on 9 July 1983.

C. Soap Stock Tank Modification

One of the two soap stock tanks will be considered for use as a reserve water storage reservoir for the TOF Terminal. The tank could be filled and maintained as a standby source of water during outages from the city water supply. Modifications to the soap stock tank will be required including piping revisions and an additional booster pump. BVI/Alexandria will prepare a drawing showing suggested modifications for later submittal to the GASC in the form of a Modification Proposal/Field Change Order.

D. Technical Service Invoices, Harbert-Howard Companies

Harbert Howard Companies has continued to invoice for technical services in the Tank Manufacturers Category for the month of June. BVI has not been able to approve the invoices on the basis of the following:

- 1) The number of base days listed for each category is reasonable for the completion of the work taking into consideration the average climate range and usual industrial conditions prevailing in this locality.
- 2) Harbert-Howard Companies did not notify or take exception to the specifications at the time of tendering.
- 3) The performance on the Tank Erection as it relates to the schedule were brought to H-H's attention reference letter EDALHH: 141, EDALHH: 135, Letter from the GASC dated 26 July 1982, EDALHH: 61, and EDALHH:85.

- 4) In accordance with the tender documents, the " Tenderer must satisfy himself and be entirely responsible as to quality, performance, time of delivery and completion of all components, whether of his own manufacture or of sub-contractor's.
- 5) The construction schedule officially submitted by Harbert-Howard Companies (Critical Path Schedule, Latest Starting Dates) shows tank erection requiring 105 days and testing 45 days.
- 6) The bar chart submitted by H-H on 25 November 1981 (re: TOF Alex 37) shows completion of the tank erection and testing on 15 February 1983.

Harbert Howard Companies will be requested to provide further justification prior to approval for payment of the invoices for tank erection services for the month of June.

TRIP REPORT - TRIP TO CAIRO

July 11 - 12, 1983

To take advantage of the time the project was closed down for the Eid Holidays, Mr. Robert Colbert and Mr. John Dyer met in Cairo with Mr. Alex Douglas and Mr. Charles Box. The purpose was to review progress and problems and plan for completion and closing out of the project.

A) Progress and Problems

BVI/Alex said that the rate of progress is continuing to slow. It is felt this is mainly due to the Ramadan fasting and shorter working hours. However, the moral of the workmen also has been adversely affected by the 30-day termination notice given out early in the month of June.

B) Project Completion

It was agreed that careful monitoring of the Contractor's claim for delay is required. Each one should be covered by a letter response where possible. Counter claim information must be recorded and filed.

C) Operation of TOF Terminal

BVI/Cairo said the operation of the TOF Terminal will be contracted to the Alexandria Oil and Soap Company (AOSC). As part of their operating requirement, AOSC want a reserve supply of potable water. A review of this request will be made by BVI/Alex to consider using one of the two Stock Tanks for this purpose.

Submitted by:

John Dyer
John Dyer 30/7/83

TRIP REPORT - TRIP TO ALEXANDRIA

20 July 1983

A trip to Alexandria was made by Mr. Wm. Alex Douglas on 20 July 1983. The primary purpose of the trip was to attend the TOF Terminal bi-weekly coordination meeting with representatives of Harbert-Howard Companies. The following summarizes significant items discussed and reviewed during the trip to Alexandria:

A) Manufacturer's Representative

Representatives of Black & Veatch International (BVI) met the following service representatives who had recently arrived on site to begin technical services for the two boilers as well as the deisel engine generator:

Darrell A. Dusenbury
George K. Moss Company (Cleaver-Brooks Representative)
Peter J. Ceccato
Engineering Services Co, Inc. (Bailey Control)
Joel Beane
Willings Detroit Diesel

The boiler and Diesel Engine Generator representatives had only just arrived so the the meeting was confirmed to a general introduction and an offer of assistance by BVI. The Boiler representatives reported that they were delayed in transit due to difficulties with the air lines. In accordance with the General Construction Contract, the service representatives may be granted reasonable delays in transit as a result of circumstances beyond the control of the representatives, provided proper justification for the delay in transit is submitted. A reasonable travel time or period can be approved.

B) Outfall

On 19 July 1983, a letter was directed to the Chairman of the General Organization for Sanitary Drainage enclosing technical information describing the purification station being installed at the TOF Terminal.

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The information was provided to assist in obtaining final approval for the construction of the outfall line which is required to complete installation of the packaged water treatment facility. The BVI/Alexandria staff will continue to follow up with the authorities to obtain the required authorization.

C) Material Storage

The General Authority For Supply Commodities (GASC) has been requested to identify a storage location for project materials and equipment associated with the TOF Terminal Facility in Alexandria. The General Construction Contractor's Storage Facility Contract will expire at the end of the project thus the GASC must arrange for permanent storage of project materials as soon as possible. Approximately 1,300 square meters of suitable storage area will be required. Although a portion of the materials can be logically stored at the project site, a separate storage space must be secured to handle such materials as the 10 inch pipe and insulation which, if stored on site, would only serve to use up needed truck maneuvering space and reduce offloading efficiency.

D) Site Coordination Meeting

Representatives of BVI attended the site coordination meeting with the General Construction Contractor, Harbert-Howard Companies. Please refer to separate meeting minutes prepared for the meeting dated 20 July 1983.

E) Meeting With The Alexandria Oil and Soap Company

Mr. Douglas, Mr. Dyer and Mr. Colbert of BVI, Mr. Mohamed Delawar and Mr. Moustafa Ramadan and representatives of the Alexandria Oil and Soap Company met to discuss various matters associated with operation of the TOF Terminal. BVI advised that although training would commence soon, the responsibility for protection of the equipment and facility was with the Contractor. Representatives of the Oil and Soap Company must therefore coordinate with BVI on all visits to the site as well as direct any design related comments thru the Engineer rather than to the Contractor. In addition, the Construction

Contract has a clearly defined scope of work and deviation from this scope could result in claims from the Contractor. The Engineer is designated as the representative of the GASC regarding implementation of the Construction Contract and thus should handle all contractual matters until such time as the facility is turned over to the operating company.

F) Power Feeders to Site

The BVI/Alexandria project staff have continued to follow up with the Egyptian Electricity Authority regarding installation of the permanent power connection to the site. The latest report from the authority was that they have located a fault in the new buried cable and were presently making the necessary repairs. The Contractor had advised that he is ready to begin check out with the permanent power and thus finalization of the permanent power connection is most critical.

G) Boiler Installation

The following outstanding items were noted for completion of the water tube boiler installation during an afternoon inspection of the site.

Installation of the insulation for the deaerator had not yet begun

Work crews had not completed the vent piping from the relief valves

Instrument air had not been connected to the boiler

The instrument tubing installation was not complete

Harbert-Howard Companies had been cautioned to insure that all installation was complete prior to scheduling the arrival of the various manufacturer's technical representatives. Unfortunately the technical representatives were not able to complete their equipment checks until after the installation work which was not completed until after their arrival.

B. MEETING MINUTES

Minutes of Meeting with the General Company of Silos

6 July 1983

A meeting was held at the Quay 81/82 site office of the General Company of Silos on July 6 1983. The purpose of the meeting was to discuss maintenance problems associated with operation of the bagging facility primarily concerned with the Quay 81/82 Bag Closers.

The site meeting was attended by;

The General Company for Silos (GCS)

Mohamed Attayah, Supervisor
Said Cellyman, Mechanical Engineer

Black & Veatch International (BVI)

Wm. Alex Douglas, Chief Field Project Manager
Mr. Bob Colbert, Mechanical/Electrical Engineer
Mr. Moustafa Ramadan

Fischbein

Maurice Degezelle, technical service representative

A. Thirty bag closers were provided for the Quay 81/82 Bagging Facility under contract with Aeroglide. Ten sewing machine heads were provided as spares for the facility. The following is the current status as reported by the General Company of Silos during a meeting at the site on 6 July 1983.

- 5 Spare heads still in the warehouse.
- 18 Sewing machines operational.
- 9 In the work shop for minor repairs.
- 8 with broken parts and cannot be repaired.

It must be noted that the above failure rate can only increase unless some maintenance procedures are established including the replacement of damaged parts.

B. Mr. Maurice Degezelle represents Fischbein (the manufacturer of the sewing machines) and was asked to look at the equipment. Mr. Degezelle is from the Fischbein office in Brussels, Belgium.

C. A sewing machine head was brought to the site office and dismantled for inspection/demonstration of the problems experienced with the units. The following observations were noted.

1. The sample of the oil presented by the silo company appeared to be too light and the Fischbein representative suggested that a heavier oil may be necessary. The Dog-Feed Seal (part number B-10077) and the Lever Seal (part no. B-10177) are critical to the operation/maintenance of the Fischbein sewing machines to prevent dust from contaminating the lubrication system. The GCS did not

have any spare seals and twelve dog feed and seven lever seals required replacement.

2. The importance of the seals was stressed, especially in the severe environment at the facility. The seals should be inspected and changed regularly when required. The life of the sewing machines will be reduced substantially if the oil in the sewing head is contaminated with abrasive material.

3. The GCS reported that the assembly cam (part number A-10150) was broken on eight sewing heads as well as the connecting rod for the needle drive (part number B-10047). The Fischbein representative pointed out that all the parts of the sewing machine head were interrelated and that undetected failure of one part would result in damage to additional parts.

4. On inspection of the sewing machine head presented by the GCS, Mr. Degezelle noted that the rod on the cam assembly was loose and that unless the rod was secure, movement/damage to the other components of the head would soon result. The rod should be removed (the part is attached with a small pin), secured and reinstalled. A lock-tite or similar compound is used in Belgium to repair this part.

5. Mr. Degezelle noted that the operating crews should immediately report any unusual vibration so that problems can be corrected prior to damaging the sewing machines or breaking internal parts.

6. BVI noted that two looper/looper holders had broken and had been replaced with parts from the sewing machines provided for the Safaga project. Mr. Degezelle reported that problems with the looper holder metal being too brittle had occurred in the past and that he would notify Fischbein of the problem at the Bagging Facility in Alexandria. BVI urged that the required replacement parts be provided by Fischbein.

7. The GCS presented a modified needle chuck which permitted the sewing units to operate with a shorter straight needle rather than the curved needle provided with the original sewing machines. The straight needle cost the GCS about thirty piasters each as compared to three and a half pounds each for the curved needle. Mr. Degezelle noted that the curved needles were carefully inspected for quality at the factory.

D. Representatives of the GCS, BVI and Fischbein inspected several of the sewing machines on the south west end of the facility and noted the following.

a. Two of the three sewing machines inspected did not have any oil if viewed through the inspection window. The third unit had oil but the level was low.

b. All three units were extremely dusty and dirty. The GCS reported that they had purchased an air compressor to help clean the sewing heads.

c. With the modified needle chuck the needle will not clear the feed mechanism during the entire sewing cycle.

9. The need for a training program in which representatives of the GCS could visit the Fischbein factory either in Belgium or the US was discussed. Various alternatives will be investigated for arranging the recommended training. BVI noted that the maintenance services presented to the GASC over a year ago and later rejected due to cost by the GCS included training of the GCS personnel.

E. Several other problems were raised by the GCS but not related to the Sewing machines as follows.

Three gear boxes on the inclined drag conveyors for Quay 81 had failed after initial start-up. No problems were encountered on Quay 82. The failures occurred on Drag Conveyors DC 7 and 8 and on one of the spare gear boxes from the warehouse. The gear box from DC 4 from quay 82 was used to replace one of the damaged units after the failure of the spare and this worked. BVI pointed out that such a gear box cannot be left for over a year unattended and expected to perform without inspection or checking for oil flow and lubrication.

The GCS reported that the screw conveyors on the reclaim system were not being used because the screw auger damaged the corn.

The general appearance of the site must be criticized as there was no apparent effort to maintain the equipment or to clean the area.

The GCS is currently preparing a list of required spare parts for maintenance of the facility. Some means of securing spare parts on a regular basis must be developed.

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Minutes of Meeting with the Alexandria Oil and Soap Company

July 9, 1983

A meeting was held with representatives of the Alexandria Oil and Soap Company at 76 Mahmoudia street on July 9, 1983. The purpose of the meeting was to discuss the requirement for laboratory equipment for the TOF Terminal in Alexandria. Persons in attendance were

The Alexandria Oil and Soap Company

Dr. Hazem Ossman, Chairman
Mr. Kamel Kadiss, Chemist
Mr. Mohamed Shehta, Chemist (part time)

Black and Veatch International

Mr. Wm. Alex Douglas
Mr. Mohamed Delawar

The following summarizes items discussed during the meeting;

A. Dr. Hazem will be the head of a committee to coordinate the turning over the TOF Facility in Alexandria. The information prepared in response to the request from the Alexandria Oil and Soap Company on 30 June had been forwarded by the GASC and received by the Oil and Soap Company.

B. Personnel from the Alexandria Oil and Soap Company will report to the project site on Saturday, July 16, 1983. BVI advised that training of the operating personnel would commence shortly and that representatives from the Oil and Soap Company should begin working with the BVI site staff to coordinate completion of construction and operation. The operating personnel however should not have official contact with the construction contractor because the scope of work in the construction contract is limited and the engineer should be the sole contact for requests from the Oil and Soap Company.

C. The following concerns were raised by Chairman Hazem concerning operation of the terminal,

- a. Spare parts
- b. Back-up fire protection system.
- c. Water storage capacity for the boiler.
- d. Telecommunications system.
- e. Laboratory Equipment.

D. The following items were recommended by the Alexandria Oil and Soap Company for the TOF laboratory equipment,

1. Gas Liquid Chromatography
2. Refractometer
3. Loviband (Color Comparison)
4. Electric Balances
5. Electric Ovens

6. Funnel separators, flasks, pipettes, Burets etc.
7. Oil extraction apparatus
8. Apparatus to determine humidity
9. Electric hot plates with stirrers
10. Electric hot plates
11. Necessary Chemicals
12. Refrigerator
13. Hot water heater
14. PH meter (for boiler)

E. Representatives of Black and Veatch and Mr. Shehta visited a Laboratory at the Alexandria Oil and Soap Company Facility. The following equipment was noted;

1. Oven with temperature control
2. Regular balance scale
3. Electronic scale
4. Laboratory hood with vent
5. Several hot plates
6. Two hot plates with mixers (magnetic, J&T Mag Stirrer)
7. Hot water heater (standard)
8. Refrigerator (standard)
9. Refractometer (Officine Galilei No. 97360)
10. Several thermometers (used with mixers to determine melting point)
11. Incubators with powdered chemical for absorbing moisture
12. Butagaz connections
13. Lovibond (for color comparison)
14. Direct PH meter

TALLOW, OILS AND FATS TERMINAL CONSTRUCTIONCONTRACT 263-K-041-GC-2PROGRESS MEETING NO. 38DATE: 20 July 1983LOCATION: BVI Site OfficePERSONS ATTENDING:

- a) HARBERT HOWARD COMPANIES (H & H) - CONTRACTOR
H. Hill - Chief Engineer
W. Hughes - Site Engineer
- b) TECHNICAL INDUSTRIAL CONSULTING OFFICE (TICO) - ENGINEER
Eng. Mohamed Delawar - Chief Engineer
- c) BLACK & VEATCH INTERNATIONAL (BVI) - ENGINEER
Wm. A. Douglas - Chief Field Project Manager
R. H. Colbert - Mechanical/Electrical Engineer
J. D. Dyer - Field Project Manager, Alexandria

- The Meeting began at 10:00 hours.

1. EXCEPTIONS

No exceptions to the minutes of Progress Meeting No. 37 were reported.

2. ELECTRICAL WORKa) Transformer Repair

The General Electric Service Engineer completed the transformer repair on 10 July 1983.

b) Electrical Service

BVI reported that the stress cones for electrical service cables were poured on 17 July. Revenue metering has been installed at Wardian substation. The Hipot test indicated a fault in two phases. EEA is conducting a physical inspection to locate the fault. BVI is in daily contact with the EEA office.

c) Emergency Generator Battery

H & H advised that the battery for the Emergency Generator is in their warehouse. It will be charged and installed when the Service Engineer arrives.

3. CIVIL WORKa) Sewage Outfall Line

BVI said that the permit to build the Outfall Line was obtained from the Ministry of Defence on 29 June. On 30 June H & H was advised verbally that a permit to work in the beach area was required from the Coast Guard and to obtain this permit a list of personnel working in the area and the equipment to be employed is required. This information is still awaited. H & H said they would provide this information this week.

b) Concrete Work

H & H advised that the 28-day cylinder tests indicate the strength of concrete in the west scale deck to be 270 Kg/sq. cm. BVI agreed that traffic may now be routed through this area.

c) Emergency Generator Exhaust Vent

H & H reported that installation of the duct work is nearing completion.

d) Roadway Compaction

H & H was asked if they had the equipment on site for compacting the road bed. They said, if the equipment was not on site it would be provided when required.

e) Fire Water Line

The Civil Defence Administration has issued a letter on 20 July approving a connection to the Fire Water Line on El Max Road. When received this will be used with our letter to the Alexandria Water Department requesting the installation of the connection.

4. MECHANICAL WORKa) Storage Tanks

BVI said that a letter has been sent to the GASC advising them that the tanks are ready for the tests required by the Ministry of Health (no change since last Meeting).

b) Unloading Platform & Pipeline in the Port Area

BVI said there is still some work to be completed in the Port area. H & H will review the situation.

c) Steam Coils

At this time testing of Tank No. 21 and installation and testing of the coils in Tank No. 6 remain.

d) Truck Filling Metres

H & H said they have received a telex that the manufacturer recommends strainers be installed in the product line to protect the truck filling metres. H & H has ordered the strainers.

5. CHECKOUT & STARTUPa) Service Engineers

H & H said the Diesel Engine Generator Service Engineer, Mr. Joel Beane, and two boiler Service Engineers Messrs. Peter Ceccato and Darrell Dusenbury arrived in Cairo on 19 July. They are expected on site today, 20 July. The Water Treatment Engineer will arrive in approximately one week.

BVI commented that in spite of our request in our authorization letter that H & H be certain the installation of equipment be complete before the Service Engineers were brought out, these men have arrived before the equipment is ready for checkout. BVI requested that the water treatment man not be brought out until the boiler Service Engineers have had time to check and assure that everything is ready to utilize the water treatment equipment.

6. MISCELLANEOUSa) Material Storage

The question of a location for storage of surplus materials and spare parts was again discussed. BVI said the discussions of this subject in Progress Meeting No. 37 have been sent to GASC in a letter. The GASC and Alexandria Oil and Soap Company (AOSC) are discussing this matter as part of their operating agreement. H & H repeated that if the materials are to be moved to another storage location, they must be advised regarding the new location by 15 August.

b) Final Clearance of Imported Materials & Equipment

BVI said the list of equipment and materials imported by H & H for the TOF Terminal construction has been forwarded to GASC and is being reviewed by BVI in Cairo. H & H said they want to know what formalities are required for final clearance of various categories of materials and equipment, such as, items permanently installed in the project, consumables and equipment that will be transferred and used on other USAID Projects in Egypt. BVI said nothing new had been received on this, however, it will be reviewed on return to Cairo.

c) Work Permits

H & H said the clearance letter from Security for Messrs Adam Caruthers, Joe Doris and Don Cross still have not been received.

d) Technical Services

H & H advised that if work on the steam coil installation is delayed due to inavailability of Tank No. 6, the services of the Quality Control Supervisor during this delay will be utilized elsewhere.

e) Demurrage Charges

H & H said there has been no response from their letter to GASC concerning demurrage charges on material shipment from the USA. H & H referred to the additional charges submitted in their letter Ref.

No. 661 and said that Sadelmi is very anxious to have this matter settled. BVI pointed out that this is very difficult to resolve as it required the Minister's decision. BVI will try to obtain an updated status report.

f) O & M Manual

BVI reported that preparation of the O & M Manual is continuing in the KC office. Additional preliminary sections of the manual have been reviewed by the site personnel and comments returned.

g) Modifications - Miscellaneous Changes

BVI said they have submitted a change order to GASC which will give BVI authority to issue field change orders up to a certain maximum. Change Order three and four have also been submitted to GASC with BVI's recommendation that they be approved.

h) Training

BVI acknowledged receipt of H & H's letter enclosing the summary of their proposed training program. This has been forwarded to the GASC.

i) U.S. Dollar Invoices

BVI advised that U.S. Dollar Invoices No. 17 and 18 have been approved by GASC and returned to H & H. Invoice No. 19 is expected to be returned soon.

j) Customs Clearance

H & H reported that Customs clearance of the Nancy Lykes Shipment has been completed. BVI said the GASC was continuing to work with the Customs office at the Cairo Airport in trying to get the Air Shipments cleared. The GASC has written and hand delivered several letters in this effort. A copy of the letter being delivered on 20 July was handed to H & H.

k) Progress

BVI cautioned that progress was not adequate to meet the 30 Septem-

ber completion date and suggested that additional workmen are required. H & H said they are reviewing the situation and, as soon as the July progress survey is complete, they will decide on the action to be taken. BVI proposed a regular meeting between H & H Site management staff and BVI once or twice per week as a means of monitoring progress and establishing priorities in work assignments. H & H did not agree.

1) TOF Terminal Operation

BVI reported that the Alexandria Oil and Soap Company (AOSC) has been contracted by GASC to operate the TOF Terminal. In order to familiarize themselves with the facilities before the training program starts, a limited number of their people will be visiting the site. AOSC have been instructed to contact BVI when visiting the project and not to contact or interfere with H & H personnel or activities. For security purposes, BVI will submit a list of AOSC personnel and trainees who are to be admitted to the site.

m) Project Construction Office

BVI asked if H & H intended to sell the Construction Office Building. If so, they should advise BVI of the sale price. H & H will consider the matter and advise.

n) Maintenance Tools and Equipment

BVI submitted a proposed list of tools and equipment needed for maintenance and operation of the TOF Terminal and asked H & H if they have any of these to be sold. H & H will review the list and advise.

7. NEXT MEETING

The next meeting will be at the BVI site office at 10:00 hours on 8 August 1983.

- The Meeting ended at 12:30 hours.

C. EXHIBITS

(C-1)

DISTRIBUTION OF TOTAL PROJECT FUNDS (U. S. DOLLARS)

| L/COMM NO. | Description | L/COMM In Favor of | Lab Equipment | Conveyors | Quay 81/82 | Safaga | TOF | Total |
|------------------------------------|------------------------------|------------------------------|------------------|-------------------|-----------------------|----------------------|-----------------------|----------------------------|
| LOAN AMOUNTS (U.S.\$) 263-K-041 | | | U.S.\$ 63,000 | U.S.\$ 572,000 | U.S.\$ 6,770,000.- | U.S.\$ 24,127,000 | U.S.\$ 9,324,000.- | (1) U.S.\$ 42,000,000.- |
| 01 | Engineering Services | Black & Veatch International | 8,000.- | 19,000.- | 1,184,058 - | 3,088,421.- | 938,834.- | 5,238,313 - |
| 02 | Lab Equipment | Neotec Instruments, Inc. | 37,244.- | | | | | (2) 37,244.- |
| 03 | Grain Storage & Bagging Bins | Peabody TecTank, Inc. | | | 1,488,068.- | 499,051.- | | 1,987,119.- |
| 04 | Interrupter Switchgear | American Export Group | | | 44,857.- | | | 44,857.- |
| 05 | Secondary Unit Substations | General Electric Company | | | 155,078.- | | | 155,078.- |
| 06 | Screw Conveyors | Newell Machinery Company | | | 102,019.33 | | | 102,019.33 |
| 07 | Portable Bulk Conveyors | Midwest Conveyor Company | | | 238,777.64 | | | 238,777.64 |
| 08 | Drag Conveyors | Tranco Metal Products | | | 1,683,218.- | | | 1,683,218.- |
| 09 | Structural Steel | Bell Steel Company | | | 1,373,392.- | | | 1,373,392.- |

General Authority for Supply Commodities
Ministry of Supply
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(C-2)

(1) Amount also includes \$1,144,000 designated as unallocated contingency

(2) Bank charges included in procurement contracts.

DISTRIBUTION OF TOTAL PROJECT FUNDS (U.S.Dollars)

| L/COMM No. | Description | L/COMM In Favor of | Lab Equipment | Conveyors | Quay 81/82 | Safaga | TOF | Total |
|------------|---------------------------|--------------------------|---------------|-----------|------------|------------|----------|------------|
| 10 | Motor Control Centers | American Export Group | | | 63,362.20 | | | 63,362.20 |
| 11 | Bucket Elevators | American Export Group | | | 87,120.- | | | 87,120.- |
| 12 | Truck and Railroad Scales | American Export Group | | | 44,698.- | 114,640.- | 22,349.- | 181,687.- |
| 13 | Panelboards | New World Research Corp. | | | 14,604.- | | | 14,604.- |
| 14 | Spouting Gates and Valves | Hough Brothers, Inc. | | | 163,808.- | | | 163,808.- |
| 15 | Conductors | ONESCO, Inc. | | | 137,564.61 | | | 137,564.61 |
| 16 | Conduit | ONESCO, Inc. | | | 93,042.28 | | | 93,042.28 |
| 17 | Bag Closers & Conveyors | Aeroglide Corporation | | | 233,613.72 | 170,400.00 | | 454,013.72 |
| 18 | U.S. Freight Forwarding | Alltransport Inc. | | | | 968,537.- | | 968,537.- |

General Authority for Supply Commodities
 Ministry of Supply
 Arab Republic of Egypt

Project 8152
 Exhibit I
 Page 2 of 3

DISTRIBUTION OF TOTAL PROJECT FUNDS (U.S.Dollars)

| L/COMM No. | Description | L/COMM In Favor of | Lab Equipment | Conveyors | Quay 81/82 | Safaga | TOF | Total |
|-------------------------|-----------------------------------|--------------------------|---------------|--------------|-----------------|--------------|------------|-----------------|
| 19 | Lighting Fixtures & Supplies | ONESCO, Inc. | | | 228,273.11 | | | 228,273.11 |
| 20 | Miscellaneous Architectural Items | ONESCO, Inc. | | | 65,826.68 | | | 65,826.68 |
| 21 | Ventilation Equipment | ONESCO, Inc. | | | 68,888.— | | | 68,888.— |
| 22 | Forklift Trucks | American Export Group | | | 68,520.— | | | 68,520.— |
| 23 | Portable Bagged Grain Conveyor | American Export Group | | 583,745.80 | | | | 583,745.80 |
| 24 | General Constr. TOF Terminal | Harbert-Howard Companies | | | | | 21,937,598 | 21,937,598.— |
| TOTAL COMMITTED TO DATE | | | \$45,244 | \$602,745.80 | \$ 7,593,788.57 | \$ 4,841,099 | 22,898,781 | \$35,981,658.37 |
| PERCENT COMMITTED (%) | | | 72% | 105 % | 112% | 20% | 246% | 86% |

General Authority for Supply Commodities
Ministry of Supply
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GENERAL AUTHORITY FOR
SUPPLY COMMODITIES (GASC)
USAID LOAN N° 263-K-041
BVI PROJECT 8152

EGYPTIAN GRAIN & TOF STORAGE FACILITIES
PROCUREMENT CONTRACT SUMMARY

| Contract Number | Equipment Description | Supplier | Contract Date and L/C Date | Performance Guarantee Amount/Form | Expiry Date OF Performance Guarantee | Scheduled Delivery Date (from LC Issuance) | Actual Delivery Date | Date of Final Payment Release | Contract Amount U. S. Dollars | | | | | Local Currency Amount (L. E.) | |
|-----------------|---|--------------------------------|---|--|--------------------------------------|--|--|--|--|------------------------------|--|--|------------------------------------|--|----------------------|
| | | | | | | | | | Equipment C.I.F. | Technical Services & N# days | Sub Total Base Bid | Spare Parts | Direct Cost Supervision (Estimate) | | Total Contract Price |
| M-201 | LAB EQUIPMENT | Neotec Instruments Inc. | (C) 15 March 79 (L/C) 31 July 79 | 2,096,65 (BOND) | Valid For Contract Term | 90 Days (29 Oct 79) | 26 Sept 79 (Complete) | N/A | 30,254 2,990 33,244 | 1700 (5 Days) | 34,944 | — | 2,000 | 36,944 | — |
| M-204 | Grain Storage & Bagging Bins Change Order No 1 | Peabody Tectank, Inc. | (C) 13 June 79 (L/C) 27 Aug 79 (C) 20 June 80 | (10%) 198,625 (Bond) | Valid For Contract Term | 200 Days (4 March 80) | 14 June 80 20 Dec 79 (P) 9 Jan 80 (P) 18 Jan 80 (P) 30 Jan 80 (P) 7 Mar 80 (P) 21 Mar 80 (P) | F.N/A (P) (P) (P) (P) (P) | 1,957,750 (1) <15,969> 1,941,781 | 28,500 (150 Days) | 1,986,250 (1) <15,969> 1,970,281 | 3,407 (C.I.F.) | 10,900 | 2,000,557 (1) <15,969> 1,984,588 | — |
| E-301 | Interrupter Switchgear | American Export Group | (C) 9 Sept 79 (L/C) 27 Dec 79 | (10%) 227,400 (Letter of Guarantee NO. A/47493/ID-15375B) | 31 May 82 | 230 Days (13 Aug 80) | (C) 22 June 81 | 420 Days (19 Feb 81) | 33,564 | — | 33,564 | F. O. B. 8,610 380 8,990 C. I. F. | — | 42,554 | — |
| E-306 | Secondary Unit Substations Change order N° 1 | General Electric Company | (C) 9 Sept 79 (L/C) 27 Dec 79 | (100% S/B) 153,855 (Bond) | Valid For Contract Term | 230 Days (13 Aug 80) | 4 April 81 (Complete) | 420 Days (19 Feb 81) | 138,017 | — | 138,017 | F. O. B. 12,885 900 13,785 C. I. F. | — | 151,802 | 1,736,364 |
| M-304 | Drag Conveyors | Tranco Metal Products | (C) 9 Sept 79 (L/C) 25 Feb 80 | (10%) 1,530,633 (Bond) | Valid For Contract Term | 260 Days (11 Nov 80) | (P) 17 June 80 (P) 25 Aug 80 (P) 22 Oct 80 (P) 19 Dec 80 | 520 Days (29 July 81) | 1,520,033 | 10,500 (30 Days) | 1,530,633 | F. O. B. 111,327 11,205 122,533 (C.I.F.) | 4,500 | 1,657,666 | — |
| M-303 | Portable Bulk Grain Conveyors | Midwest Conveyor Company, Inc. | (C) 22 Oct 79 (L/C) 25 Feb 80 | (10%) 23,830 (Bond) | Valid For Contract Term | 200 Days (12 Sept. 80) | 15 Nov. 80 (complete) | 370 Days (1 March 81) | 231,544 | — | 231,544 | F. O. B. 5,789.64 967.00 6,756.64 C. I. F. | — | 238,300.64 | — |
| E-302 | Motor Control Centers Change Order N° 1 Change Order N° 2 | American Export Group | (C) 25 Oct 79 (L/C) 25 Feb 80 (C) 7 July 1980 (L/C) 25 July 80 | (10%) 7,099,820 (Letter of Guarantee No. A/4754/ID-15635B) | 24 April 82 | 190 Days (2 Sept. 80) | 20 Jan. 81 (Complete) | 420 Days (20 April 81) | 67,948.60 (1) <10,464. -> 57,484.60 (2) 2,628.00 60,112.60 | — | 67,948.60 (1) <10,464. -> 57,484.60 (2) 2,628.00 60,112.60 | F. O. B. 2847.60 202.00 3,049.60 C. I. F. | — | 70,998.20 (1) <10,464. -> 60,534.20 (2) 2,628.00 63,162.20 | — |

GENERAL AUTHORITY FOR
SUPPLY COMMODITIES (GASC)
USAID LOAN N° 263-K-041
BVI PROJECT 8152

EGYPTIAN GRAIN & TOF STORAGE FACILITIES
PROCUREMENT CONTRACT SUMMARY

| Contract Number | Equipment Description | Supplier | Contract Date and L/C Date | Performance Guarantee Amount/Form | Expiry Date OF Performance Guarantee | Scheduled Delivery Date (from L/C Issuance) | Actual Delivery Date | Date of Final Payment Release | Contract Amount U. S. Dollars | | | | | | Local Currency Amount (L. E.) |
|-----------------|---|--------------------------|---|--|--------------------------------------|--|---|-------------------------------|--|--|--|--------------------------------------|------------------------------------|--|-------------------------------|
| | | | | | | | | | Equipment C.I.F | Technical Services & N° days | Sub Total Base Bid | Spare Parts | Direct Cost Supervision (Estimate) | Total Contract Price | |
| M-305 | Bucket Elevators | American Export Group | (C)25 Oct. 79 (L/C)25 Feb. 80 | (25%)203,615.00 (Letter of Guarantee No. A/47503/ID-1562SB) | 16 March 82 | 100 Days (4 June 80) | 3 July 80 (Complete) | 30 Days (21 Mar 81) | 81,446 | 3,500 (10 Days) | 84,946 | — | 2,000 | 86,946 | — |
| M-205 | Truck and Railroad Track Scales Change Order No. 1 | American Export Group | (C)7 Nov. 79 (L/C)25 Feb. 80 (C)13 MAR. 80 (L/C)2 May. 80 | (10%)17,325 (Letter of Guarantee No. A/51161/ID-1414 SB) | 30 April 82 | 360 Days (19 Feb. 81) | (P)8 Aug. 80 (P)10 Feb. 81 (F)12 Mar 81 | 520 Days (5 Nov 81) | 115,779 (1) 16,240 132,019 | 25,650 95 Days (1) 5,400 20 Days (115)31,050 | 141,429 (1) 21,640 163,069 | 8,170 2,030 10,200 (C.I.F.) | 7,635 | 159,264 (1) 21,640 180,904 | — |
| S-301 | Structural Steel and Miscellaneous Metals Change Order No. 1 Change Order No. 2 | Bell Steel Company | (C)18 Dec. 79 (L/C)25 Feb. 80 (C)13 MAR. 80 (C)2 July 80 | (10%)135,395 (Bond) | Valid For Contract Term | 180 Days (23 Aug. 80) Revised to 4 Oct. 80 | 8 May 80 (P)25 July 80 (F)27 Aug 80 | 430 Days (30 April 81) | 1295,000 (1) 58,950 (2) 16,700 1,370,650 | — | 1,295,000 (1) 58,950 (2) 16,700 1,370,650 | — | — | 1,295,000 (1) 58,950 (2) 16,700 1,370,650 | — |
| M-306 | Screw Conveyors Change Order No. 1 | Newell Machinery Company | (C)18 Dec. 79 (L/C)25 Feb. 80 (C)11 May 81 | (10%)9,022.50 (Bond) Amend N° 1 | 20 Dec. 80 9 Feb. 1982 | 120 Days (24 Jun 80) | 4 July 80 (Complete) | 350 Days (9 Feb 81) | 90,225 | — | 90,225 | (1) 1,494.33 | — | 90,225.00 (1) 11,494.33 101,719.33 | — |
| M-203 | Bag Closers And Bagging Conveyors Change Order No. 1 Change Order No. 2 Change Order No. 3 | Aero-Glide Corp. | (C)3 April 80 (L/C)1 July 80 (C)16 Dec. 1980 (C)9 Sept. 81 | (10%)25,746.07 Letter of Guarantee N° A 51056/30767 | 31 Dec. 80 Extended to 31 July 81 | 200 Days (16 Jan. 81) | (P)20 Jan 81 (P)25 Jan 81 (F)24 Jan 81 | 380 Days (15 July 81) | 252,460.73 (1) 3,384.00 255,844.73 (2) 169,800.00 425,644.73 | 5,000 (25 Days) • 1,800. (9 days) 6,800. | 257,460.73 (1) 3,384.00 260,844.73 (2) 169,800.00 430,644.73 | (1) 7,068.99 | 3,000 • 3,000 6,000 | 250,460.73 (1) 3,384.00 2169,800.00 317,068.99 480,000 455,513.72 | L. E. 1,050 |
| E-307 | Panelboards Change order N° 1 | New World Research Corp. | (C)22 April 80 (L/C)25 June 80 (C)18 Dec. 80 | (10%)1,200 (Bond) | Valid For Contract Term | 75 Days (8 Sept 80) | (C)28 Jan 81 (F)3 Mar 81 | 240 Days (20 Feb 81) | 11,611 (1) 2,943 14,554 | — | 11,611 (1) 2,943 14,554 | — | — | 11,611 (1) 2,943 14,554 | — |
| M-307 | Spouting Gates and Valves | Hough Brothers, Inc. | (C)4 May 80 (L/C)25 June 80 | (10%)16,346.10 (Bond) | Valid For Contract Term | 260 Days (12 March 81) | 16 April 81 (Complete) | 510 Days (17 Nov 81) | 159,206 | — | 159,206 | 4,275 (C.I.F.) | — | 163,481 | — |

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GENERAL AUTHORITY FOR
SUPPLY COMMODITIES (GASC)
USAID LOAN N° 263-K-041
BVI PROJECT 8152

EGYPTIAN GRAIN & TOF STORAGE FACILITIES
PROCUREMENT CONTRACT SUMMARY

Page 3

| Contract Number | Equipment Description | Supplier | Contract Date and L/C Date | Performance Guarantee Amount/Form | Expiry Date OF Performance Guarantee | Scheduled Delivery Date (from L/C Issuance) | Actual Delivery Date | Date of Final Payment Release | Contract Amount U. S. Dollars | | | | | Local Currency Amount (L. E.) | |
|-----------------|---|-------------------------|--|---|--------------------------------------|---|--|-------------------------------|--|------------------------------|--|-------------|------------------------------------|--|----------------------|
| | | | | | | | | | Equipment-C.J.F. | Technical Services & No days | Sub Total Base Bid | Spare Parts | Direct Cost Supervision (Estimate) | | Total Contract Price |
| E-304 | Conductors | Onesco, Inc. | (C) 6 May 80 (L/C) 25 June 80 | (10%) 13,728.96 | Valid For Contract Term | 75 Days (8 Sept. 80) | (P) 21 Oct 80 (P) 30 Oct 80 (P) 15 Jan 81 (F) 25 Jan 81 | 240 Days (20 Feb. 81) | 137,289.61 | — | 137,289.61 | — | — | 137,289.61 | — |
| E-303 | Conduit Change Order N° 1 | Onesco, Inc. | (C) 7 May 80 (L/C) 25 June 80 (C) 26 Oct 81 (L/C) 10 Nov 81 | (10%) 9,623.53 (Bond) | Valid For Contract Term | 75 Days (8 Sept. 80) | (P) 21 Oct 80 (P) 30 Oct 80 (P) 10 Nov 80 (F) 15 Jan 81 | 240 Days (20 Feb. 81) | 96,235.28 1,615.00 <hr/> 97,850.28 | — | 96,235.28 1,615.00 <hr/> 97,850.28 | — | — | 96,235.28 1,615.00 <hr/> 97,850.28 | — |
| D-10 | U. S. Freight Forwarding Services | Alltrans- port, Inc. | (C) 12 May 80 (L/C) | (10%) 97,000 (Bond) | Valid For Contract Term | N/A | N/A | N/A | 966,654 (Estimated Contract Amount) | — | 966,654 | — | — | 966,654 (Estimated) | — |
| E-305 | Lighting Fixtures And Supplies Change Order N° 1 | Onesco, Inc. | (C) 13 May 80 (L/C) 28 July 80 (C) 19 Mar. 81 | (10%) 21,961.53 (Bond) | Valid For Contract Term | 75 Days (1 Oct. 80) | (P) 21 Oct 80 (P) 10 Nov 80 (P) 15 Jan 81 (P) 25 Jan 81 (P) 3 Mar 81 (F) 29 Oct 81 | 240 Days (25 Mar 81) | 219,615.32 (1) 8,217.74 <hr/> 227,833.06 | — | 219,615.32 (1) 8,217.74 <hr/> 227,833.06 | — | — | 219,615.32 (1) 8,217.74 <hr/> 227,833.06 | — |
| A-301 | Miscellaneous Architectural Items | Onesco, Inc. | (C) 5 July 80 (L/C) 28 July 80 | (10%) 65,691.68 (Bond) | Valid For Contract Term | 60 Days (26 Sept. 80) | (P) 21 Oct 80 (P) 30 Oct 80 (P) 15 Jan 81 (P) 13 Mar 81 (P) 9 Sept 81 (F) 29 Oct 81 | 210 Days (23 Feb. 81) | 65,691.68 | — | 65,691.68 | — | — | 65,691.68 | — |
| M-310 | Ventilation Equipment Change Order N° 1 | Onesco, Inc. | (C) 15 July 80 (L/C) 28 Aug. 80 (c) 21 Oct 81 | (10%) 70,746 (Bond) | Valid For Contract Term | 180 Days (24 Feb. 81) | 25 Jan 81 (Complete) | 370 Days (2 Sept. 81) | 57,950.00 (1) 2,000.00 <hr/> 55,950.00 | — | 57,950.00 (1) 2,000.00 <hr/> 55,950.00 | 12,796 | — | 70,746 (1) 2,000 <hr/> 68,746 | — |
| M-302 | Forklift Trucks | American Export Group | (C) 7 Dec. 1980 (L/C) 19 Mar. 81 | (10%) 68,310.00 Letter of Credit No. A/50905/RNB 86877 | 15 Nov. 1981 | 160 Days (26 Aug. 81) | 20 April 81 (Complete) | 320 Days (2 Feb. 82) | 68,310.00 | — | 68,310.00 | — | — | 68,310.00 | — |

GENERAL AUTHORITY FOR
SUPPLY COMMODITIES (GASC)
USAID LOAN N° 263-K-041
BVI PROJECT 8152

EGYPTIAN GRAIN & TOF STORAGE FACILITIES
PROCUREMENT CONTRACT SUMMARY

| Contract Number 263-K-041 | Equipment Description | Supplier | Contract Date and L/C Date | Performance Guarantee Amount/Form | Expiry Date OF Performance Guarantee | Scheduled Delivery Date (from L/C Issuance) | Actual Delivery Date | Date of Final Payment Release | Contract Amount U. S. Dollars | | | | | Local Currency Amount (L. E.) | |
|------------------------------|-----------------------------------|----------------------------|--|--|--------------------------------------|---|----------------------|-------------------------------|--|------------------------------|--------------------|-------------|------------------------------------|-------------------------------|----------------------|
| | | | | | | | | | Equipment C.I.F. | Technical Services & NB days | Sub Total Base Bid | Spare Parts | Direct Cost Supervision (Estimate) | | Total Contract Price |
| M-202 | Portable Bagged Grain Conveyors | American Export Group | (C) 30 Mar 81 (L/C) 7 Aug 81 | 100% 58,079.58 Letter of Guarantee N° A/51202/ RNB 87103 | 8 June 82 | 180 Days (3 Feb. 82) | | 330 Days (30 June 82) | 576,195.80 | 4,000 (5 Days) | 580,195.80 | — | 1,750 | 581,945.80 | — |
| Gc-1 | General Construction Quay 81/82 | Arab Contractors | (C) 23 Dec. 79 (L/C) 12 Jan. 80 | (50%) 1,503,525 Letter of guarantee | 25 Nov. 82 | | | | | | | | | | 3,007,050 |
| Gc-2 | General Construction TOF Terminal | Harbert - Howard companies | (C) 30 April 81 L/C 5 Nov. 81 For U.S.D. And 15 Nov. 81 For L.E. | Performance = 50% = 14,500,000 Payment = 50% = 14,500,000 | Valid for contract term | | | | Equipment = 19,594,846 Erection = 2,048,136 | 229,000 | 21,871,982 | | | 21,871,982 | 4,984,628 |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
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GENERAL AUTHORITY FOR
SUPPLY COMMODITIES (GASC)
USAID LOAN No 263-K-041
BVI PROJECT 8152

EGYPTIAN GRAIN & TOF STORAGE FACILITIES
PROCUREMENT LETTERS OF COMMITMENT/LETTERS OF CREDIT

Page 1

| Contract Number 263-K-041 | Equipment Description | Supplier | L/Comm and L/C Number | Issue Date | Expiry Date | Equipment & Materials US Dollars | Technical Services | Spare Parts | Direct Cost Supervision | Sub-Total US Dollars | Bank Charges | Total L/Comm L/C Amount as requested | L/Comm L/C Amendment Adjustments | Cost | Total US Dollars Revised Amount |
|------------------------------|---|--------------------------|---|--------------------------|--------------------------|-------------------------------------|--------------------|-------------|-------------------------|-------------------------|--------------|--------------------------------------|--|--|---------------------------------|
| M-201 | LAB EQUIPMENT | Noetec Instruments Inc. | Aid L/Comm 263-K-041-02 | 3 MAY 79 | 30 Sept 82 | 33,244 | 1,700 | | | 34,944 | 300 | 35,244 | Amend. 2 Tech. serv. 2,000 | | 37,244 |
| | | | Bank Mstr L/C 9555 Aid Citibank L/C 40770053 | 16 June 79 31 July 79 | 31 Dec 81 31 Dec 81 | 33,244 | 1,700 | | | 34,944 | | 34,944 | | 2,000 | |
| M-204 | Grain Storage and Bagging Bins | Peabody Tectank Inc. | Aid L/Comm 263-K-041-03 | 13 July 79 | 30 Sept 82 | 1,986,250 | | | | 1,986,250 | 2,500 | 1,988,750 | Spare parts = 4,429 Direct cost = 10,900 Bank chg = 31 | Equip = (44,463) Tech serv = 28,500 Spare parts = 1077 | 1,987,119 |
| | | | Bank Mstr L/C 9538 Aid Citibank L/C 40770053 | 6 Aug 79 27 Aug 79 | 30 June 82 30 June 82 | 1,986,250 | | | | 1,986,250 | | 1,986,250 | | 4,429 10,900 | <16,991> |
| E-301 | INTERRUPTER SWITCHGEAR | American Export Group | Aid L/Comm 263-K-041-04 | 8 Nov 79 | 30 Sept 82 | 33,564 | | | 11,193 (CIF EST) | 44,757 | 100 | 44,857 | | | |
| | | | Citibank L/C 40770113 | 27 Dec 79 | 30 Sept 82 | 33,564 | | | 8,990 (Actual) | 42,554 | | 42,554 | | | |
| E-306 | SECONDARY UNIT SUBSTATIONS | General Electric Company | Aid L/Comm 263-K-041-05 | 9 Nov 79 | 30 Sept 82 | 138,017 | | | 15,751 (CIF EST) | 154,768 | 310 | 155,078 | | | |
| | | | Citibank L/C 40770114 | 27 Dec 79 | 30 Sept 82 | 138,017 | | | 13,785 (Actual) | 151,802 | | 151,802 | | | |
| M-306 | SCREW CONVEYORS | Newell Machinery Company | Aid L/Comm 263-K-041-06 | 25 Jan 80 | 30 Sept 82 | 90,225 | | | | 90,225 | 181 | 90,406 | Spare Parts = 11,494.33 Bank Chg = -119.00 | | 102,019.33 |
| | | | Citibank L/C 40770133 | 25 Feb 80 | 30 Sept 82 | 90,225 | | | | 90,225 | | 90,225 | | 11,494.33 | |
| M-303 | PORTABLE BULK GRAIN CONVEYORS | Midwest Conveyor Company | Aid L/Comm 263-K-041-07 | 25 Jan 80 | 30 Sept 82 | 231,544 | | 6,756.64 | | 238,300.64 | 477 | 238,777.64 | | | |
| | | | Citibank L/C 40770134 | 25 Feb 80 | 30 Sept 82 | 231,544 | | 6,756.64 | | 238,300.64 | | 238,300.64 | | | |
| M-304 | DRAG CONVEYORS | Tranco Metal Products | Aid L/Comm 263-K-041-08 | 29 Jan 80 | 30 Sept 82 | 1,520,133 | 10,500 | | 144,725 (CIF EST) | 1,679,858 | 3,360 | 1,683,218 | | | |
| | | | Citibank L/C 40770135 | 25 Feb 80 | 30 Sept 82 | 1,520,133 | 10,500 | | 144,725 (CIF EST) | 1,679,858 | 4,500 | 1,679,858 | | | |
| S-301 | STRUCTURAL STEEL & MISCELLANEOUS METALS | Bell Steel Company | Aid L/Comm 263-K-041-09 | 29 Jan 80 | 30 Sept 82 | 1,295,000 | | | | 1,295,000 | 2,590 | 1,297,590 | Mat. = 58,950 Bank chg = 118 | Mat = 16,700 Bank Chg. = 34 | 1,373,392 |
| | | | Citibank L/C 40770136 | 25 Feb 80 | 30 Sept 82 | 1,295,000 | | | | 1,295,000 | | 1,295,000 | | 58,950 16,700 | |
| E-302 | MOTOR CONTROL CENTERS | American Export Group | Aid L/Comm 263-K-041-10 | 7 Feb 80 | 30 Sept 82 | 67,948.60 | | 3,049.60 | | 70,998.20 | 142 | 71,140.20 | Equip = <10,464> Bank Chg. = <20> | Equip = 2,628 Bank Chg = 78 | 63,362.20 |
| | | | Citibank L/C 40770137 | 25 Feb 80 | 30 Sept 82 | 67,948.60 | | 3,049.60 | | 70,998.20 | | 70,998.20 | | <10,464> 2,628 | |
| M-305 | BUCKET ELEVATORS | American Export Group | Aid L/Comm 263-K-041-11 | 8 Feb 80 | 30 Sept 82 | 81,446 | 3,500 | | 2,000 | 86,946 | 174 | 87,120 | | | |
| | | | Citibank L/C 40770138 | 25 Feb 80 | 30 Sept 82 | 81,446 | 3,500 | | 2,000 | 86,946 | | 86,946 | | | |
| M-205 | TRUCK & RAILROAD TRACK SCALE | American Export Group | Aid L/Comm 263-K-041-12 | 8 Feb 80 | 30 Sept 82 | 115,779 | 25,650 | | 10,521 (CIF EST) | 159,685 | 319 | 160,004 | scale tech. serv. bank chg | -16,240 - 5,400 - 73 | 181,587 |
| | | | Citibank L/C 40770139 | 25 Feb 80 | 30 Sept 82 | 115,779 | 25,650 | | 10,521 (CIF EST) | 159,685 | | 159,685 | | 16,240 5,400 | |

GENERAL AUTHORITY FOR
SUPPLY COMMODITIES (GASC)
USAID LOAN № 263-K-041
BVI PROJECT 8152

EGYPTIAN GRAIN & TOF STORAGE FACILITIES
PROCUREMENT LETTERS OF COMMITMENT/LETTERS OF CREDIT
Page 2

| Contract Number | Equipment Description | Supplier | L/C Comm and L/C Number | Issue Date | Expiry Date | Equipment & Materials USDollars | Technical Services | Spare Parts | Direct Cost Supervision | Sub-Total U.S. Dollars | Bank Charges | Total L/Comm L/C Amount as request | L/Comm L/C Amendment Cost Adjustments | Total U.S. Dollars Revised Amount |
|-----------------|-----------------------------------|-------------------------|---------------------------|------------|-------------|---------------------------------|--------------------|-------------|-------------------------|------------------------|--------------|------------------------------------|---------------------------------------|-----------------------------------|
| E-307 | PANELBOARDS | New World Research Corp | Aid L/C Comm 263-K-041-13 | 29 May 80 | 30 Sept 82 | 11,611 | | | | 11,611 | 25 | 11,636 | Equip = 2,943 BANK CHG = 25 | 14,604.- |
| | | | Citibank L/C 40770170 | 25 June 80 | 30 Sept 82 | 11,611 | | | | | 11,611 | | 11,611 | 2943.- |
| M-307 | Spouting Gates & Valves | Hough Brothers Inc. | Aid L/C omm 263-K-041-14 | 30 May 80 | 30 Sept 82 | 159,206 | | 4,275 | | 153,481 | 327 | 153,808 | | |
| | | | Citibank L/C 40770171 | 25 June 80 | 30 Sept 82 | 159,206 | | 4,275 | | | 153,481 | | 153,481 | |
| E-304 | Conductors | Onesco. Inc. | Aid L/Comm 263-K-041-15 | 2 June 80 | 30 Sept 82 | 137,289.61 | | | | 137,289.61 | 275 | 137,564.61 | | |
| | | | Citibank L/C 40770172 | 25 June 80 | 30 Sept 82 | 137,289.61 | | | | | 137,289.61 | | 137,289.61 | |
| E-303 | Conduit | Onesco. Inc. | Aid L/Comm 263-K-041-15 | 2 June 80 | 30 Sept 82 | 96,235.28 | | | | 96,235.28 | 192 | 96,427.28 | 1,615 | 98,042.28 |
| | | | Citibank L/C 40770173 | 25 June 80 | 30 Sept 82 | 96,235.28 | | | | | 96,235.28 | | 96,235.28 | 1,615 |
| M-203 | Bag Closers and bagging conveyors | Aeroglide Corp | Aid L/Comm 263-K-041-17 | 12 Jun 80 | 30 Sept 82 | 252,460.73 | 5,000 | 16,002.10 | | 273,462.83 | 547 | 274,009.83 | Equip - 3,384 Bank Chg - 253 | 283,613.72 |
| | | | Citibank L/C 40770175 | 1 July 80 | 30 Sept 82 | 252,460.73 | 5,000 | 16,002.10 | | 273,462.83 | | 273,462.83 | 3,384 1,066.89 4,800 | 277,913.72 |
| D-10 | U.S. Freight Forwarding Services | Alltrans port, Inc. | Aid L/Comm 263-K-041-18 | 12 June 80 | 30 Sept 82 | 956,654 | | | | 956,654 | 1,933 | 958,587 | | |
| E-305 | Lighting fixtures & supplies | Onesco. Inc. | Aid L/C omm 263-K-041-19 | 17 July 80 | 30 Sept 82 | 219,615.32 | | | | 219,615.32 | 440 | 220,055.32 | Equip - 8217.79 Bank Chg - | 228,273.11 |
| | | | Citibank L/C 40770187 | 23 July 80 | 30 Sept 82 | 219,615.32 | | | | | 219,615.32 | | 219,615.32 | 8,217.74 |
| A-301 | Miscellaneous Architectural Items | Onesco Inc. | Aid L/C omm 263-K-041-20 | 18 July 80 | 30 Sept 82 | 55,691.68 | | | | 55,691.68 | 135 | 55,826.68 | | |
| | | | Citibank L/C 40770186 | 28 July 80 | 30 Sept 82 | 55,691.68 | | | | | 55,691.68 | | 55,691.68 | |
| M-310 | Ventilation Equipment | Onesco Inc. | Aid L/Comm 263-K-041-21 | 12 Aug 80 | 30 Sept 82 | 57,950 | | 12,796 | | 70,746 | 142 | 70,888 | <2,000> | 68,888.00 |
| | | | Citibank L/C 40770207 | 28 Aug 80 | 30 Sept 82 | 57,950 | | 12,796 | | | 70,746 | | 70,746 | <2,000> |
| M-302 | Forklift Trucks | American Export Group | Aid L/Comm 263-K-041-22 | 26 Jan 81 | 30 Sept 82 | 68,310 | | | | 68,310 | 210 | 68,520 | | |
| | | | Citibank L/C 40770272 | 19 Mar 81 | 30 Sept 82 | 68,310 | | | | | 68,310 | | 68,310 | |
| M-202 | Portable Bagged Grain Conveyors | American Export Group | Aid L/C omm 263-K-041-23 | 2 June 81 | 30 Sept 82 | 576,195.80 | 4,000 | | 1,750 | 581,945.80 | 1,800 | 583,745.80 | | |
| | | | Citibank L/C 40770296 | 7 Aug 81 | 30 Sept 82 | 576,195.80 | 4,000 | | 1,750 | | 581,945.80 | | 581,945.80 | |
| GC-2 | General const. TOF Terminal | Harbert-Howard | Aid L/Comm 263-K-041-24 | 21 Oct 81 | 30 Sept 82 | | | | | 21,871,982 | 65,616 | 21,937,598 | | |

GRAIN & TOF STORAGE FACILITIES PROJECT
STATUS REPORT OF
PROCUREMENT CHANGE ORDERS (PCO)

| Contract No. | PCO No. | Date Executed (1) | Description of Change | Amount | Date L/C Amend |
|--------------|---------|-------------------|--|--------------|----------------|
| M205 | 1 | 3 March 80 | Add TOF Scale | \$21,640 | 2 May 80 |
| M204 | 1 | 6 June 80 | Deducted for Immediate Final Payment | (\$15,969) | 14 Nov 80 |
| S301 | 1 | 3 March 80 | Add Paint | \$58,950 | 2 May 80 |
| | 2 | 2 July 80 | Add Extra Steel | \$16,700 | 22 Aug 80 |
| E302 | 1 | 7 July 80 | Deducted for Reduced MCC Size | (\$10,464) | 25 July 80 |
| A301 (2) | 1 | - | Split Shipment | \$555 | - |
| E305 | 1 | 19 March 81 | Cord Receptacles | \$8,217.74 | |
| E307 | 1 | 18 Dec 80 | Bindicators for Surge Bins | \$2,943 | 21 Jan 81 |
| M203 | 1 | 6 Dec 80 | Cords/Receptacles for Bagging Conveyors | \$3,384 | 21 Jan 81 |
| M203 | 2 | 9 Sept. 81 | 20 Bag Closer Units (w/cords) for Safaga | \$169,800 | |
| M203 | 3 | July 81 | Spare Parts for Quay 81/82 Bag Closers & Conveyors | \$17,068.99 | |
| M306 (3) | 3 | 11 May 81 | Spare Parts for Screw Conveyors | \$11,494.33 | |
| E302 | 2 | 30 May 80 | Electrician's Tools | \$2,628.00 | 25 Feb 80 |
| E303 | 1 | 26 Oct 81 | Unistrut Clamps | \$1,615.00 | 10 Nov. 81 |
| M310 | 1 | 21 Oct 81 | Credit for Ductwork | (\$2,000.00) | |
| E306 | 1 | 31 Oct 82 | Technical Advisory Services | \$6,302.00 | 13 Dec 82 |
| E306 | 2 | 27 Jan 83 | Technical Advisory Services | \$6,992.00 | 13 Dec 82 |

- (1) AID Approval
(2) A301 PCO No. 1 Cancelled
(3) M306 PCOs No. 1 & 2 Cancelled

GRAIN/TQF STORAGE FACILITIES PROJECT

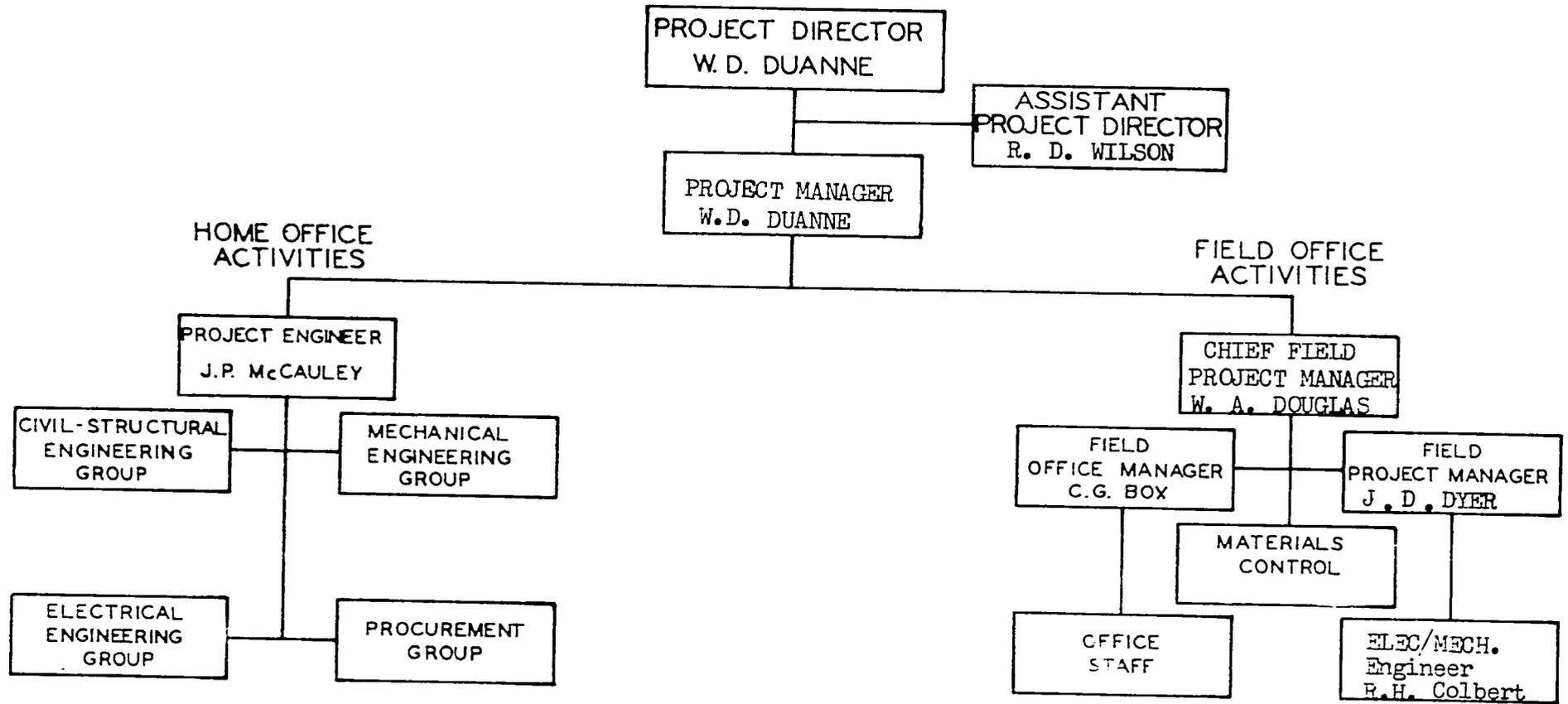
GENERAL CONSTRUCTION CONTRACT GC-1 (QUAY 81/82)
-----STATUS OF FIELD CHANGE ORDERS/MODIFICATION PROPOSALS
-----FIELD CHANGE ORDERS
GC-1

| NUMBER | IDENTIFICATION | REFERENCE | VALUE |
|--------------------------------|-------------------------------|-----------|-------------|
| 1 | ADMIXTURES | MP#2 | 732.00 |
| 2 | SOIL BORINGS | MP#3 | 271.30 |
| 3 | RETAINING WALL DEDUCT | MP#24 | -4418.55 |
| 4 | RUBBISH REMOVAL | MP#1 | 20864.96 |
| 5 | REINFORCING STEEL DEDUCT | MP#25 | -27436.40 |
| 6 | PAVING DEDUCT | MP#21 | -200926.68 |
| 7 | BAGGING & STORAGE BIN ROOF | MP#10 | 5937.50 |
| 8 | CONVEYOR OPENINGS AT 0 & 180 | MP#11 | 540.00 |
| 9 | STRUCTURAL STEEL REPAIRS | MP#26 | 26425.00 |
| 10 | METAL CONDUIT PULL BOXES | MP#27 | 1982.00 |
| 11 | VOLUMETRIC FEEDER EXTENSION | MP#28 | 2070.00 |
| 12 | TRUCK LOADING PLATFORM | MP#14 | 6420.00 |
| 13 | CABLE TRAY | MP#29 | 180.00 |
| 14 | RELOCATE SWITCHGEAR | MP#30 | 1300.00 |
| 15 | SCALE HOUSE MODIFICATION | MP#31 | 1383.28 |
| 16 | MISCELLANEOUS ARCHITECTURAL | MP#5 | 6783.31 |
| 17 | WASH WATER LINE | MP#32 | 180.00 |
| 18 | VENTILLATION EQUIPMENT | MP#33 | 2000.00 |
| 19 | SPOUTING MODIFICATIONS | MP#13 | 2140.00 |
| 20 | SAND BLAST SURGE BINS | MP#20 | 14575.00 |
| 21 | ANCHOR BOLT DEDUCT | MP#4 | -4030.00 |
| 22 | EXTRA PAINTING | MP#34 | 5000.00 |
| 23 | GATE MODIFICATION | MP#1 | 3572.66 |
| 24 | MAN DOOR RELOCATION | MP#23 | 112.00 |
| 25 | ELECTRICAL BUILDING EXTENSION | MP#7 | 4700.00 |
| 26 | RAIL BUMPER DEMOLISHING | MP#22 | 720.00 |
| 27 | UNDERGROUND PULL BOXES | MP#9 | 4750.00 |
| 28 | INSTALLATION OF 4-6" CONDUIT | MP#35 | 3748.00 |
| TOTAL | | | -120424.642 |
| TOTAL CONTACT VALUE | | | 3007050 |
| TOTAL AFTER AMENDMENT NUMBER 2 | | | 2886625.358 |

72

P GN 218A

BLACK & VEATCH INTERNATIONAL
 PROJECT ORGANIZATION
 EGYPTIAN GRAIN & TOF FACILITIES



| | | | | | | |
|------|-------------------|-----|----|---|---------------------------------|----------------------|
| | | | | BLACK & VEATCH INTERNATIONAL CONSULTING ENGINEERS KANSAS CITY, MO. | EGYPTIAN GRAIN & TOF FACILITIES | BVI PROJECT 8152 |
| | | | | | | PROJECT ORGANIZATION |
| DATE | REVISION OR ISSUE | NO. | BY | | | |

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GRAIN & TOF STORAGE FACILITIES - USAID LOAN 263-K-011

FINAL 10 % PAYMENT REVIEW FOR EQUIPMENT

SUPPLY CONTRACTS

Page 1 of 2

| Contract No./Date | Description | Supplier | Scheduled Delivery Date per Contract | Actual Delivery Date | Date final Payment due per contract | Final Payment Amount due per contract (U.S. Dollars) | Amount paid by GASC (U.S. Dollars) | Comments/ Remarks |
|----------------------|------------------------------------|-----------------------------|---|---|---|---|--|---|
| E 301 | Interrupter Switchgear | American Export Group | 13 Aug.'80 | 22 June'81 | 19 Feb.'81 | 3,356.10 contract 899.00 S/P's 4,255.10 | 899.00 | 1) Final payment released by GASC on 20 Nov.'82, less \$3,356.10 for liquidated damages. |
| E 304 | Motor Control Centers | American Export Group | 2 Sept.'80 | 6 Dec.'80 | 20 April'81 | 5,743.46 contract 304.96 S/P's 6,053.42 | \$5,191.13 | 1) Final payment incl. base contract & S/P's, but not FCO no. 2. 2) Payment released by GASC on 27 Nov.'82 less 862.29 for liquidated damages. |
| E 305 | Bucket Elevators | American Export Group | 4 June'80 | 3 July'80 | 21 Mar.'81 | 8,144.60 | 5,815.49 | 1) Final payment made by GASC on 29 Nov.'82. 2) Final payment included deduct for liquidated damages (\$2,133.11) and ladders (120.-). |
| M 215 | Track & Railroad Track Scales | American Export Group | 19 Feb.'81 | 10 Feb.'81 | 6 Nov.'81 | 13,201.90 | 2,000.00 | 1) Bank overpaid due to error on ABG invoices. \$13,135.90 equals act. due base contract. 2) need to check on spare parts. |
| E 307 | Panelboards | New World Research | 8 Sept.'80 | 28 Jan.'81 | 20 Feb.'81 | 1,161.10 contract 294.30 S/P's 1,455.40 | 294.30 | 1) GASC released spare parts payment on 29 Nov.' 1982. 2) Liquidated damages assessed for 1,161.10 against base contract. |
| M 211 | Laboratory Equipment | Coetec Instruments | 29 Oct.'79 | 26 Sept.'79 | N/A | 3,324.10 | | 1) Inquiry received from Supplier regarding payments is under review. |
| M 306 | Grain Conveyor Spare parts | Jewell Machinery Company | - | 14 Nov.'81 | N/A | 1,149.43 | 1,149.43 | 1) Final payment covers spare parts only. 2) Final payment released by GASC on 10 January 1983. |
| M 212 | Portable Bagged Grain Conveyors | American Export Group | 3 Feb.'82 | Jan.'82 | 30 Jan.'82 | 57,619.00 | | 1) Equipment received with damage & loss reported by GASC. Insurance claim has been filed. 2) Technical Services not yet provided. |
| E 302 | Conductors | GRESCO, Inc. | 8 Sept.'80 | 4 partial shipments from Oct.- Jan. 1981 | 20 Feb.'81 | 13,727.24 | 6,003.75 | 1) Final payment released by GASC on 5 Dec.'82 less liquidated damages in amount of 7,723.49. |

FINAL 10% PAYMENT REVIEW FOR EQUIPMENT

SUPPLY CONTRACTS

Page 2 of 2

| Contract 23-7-81 | Description | Supplier | Scheduled Delivery Date per Contract | Actual Delivery Date | Date final payment due per contract | Final Payment Amount due per contract (U.S. Dollars) | Amount paid by GASC (U.S. Dollars) | Comments/Remarks |
|---------------------|--------------------------------------|---------------------------------|---|--|---|---|--|--|
| E 303 | Conduits | ONESCO, Inc. | 8 Sept.'80 | 4 partial shipments from Oct. to Jan.'81 | 20 Feb.'81 | 9,590.61 | 5,430.88 | 1) Final payment released by GASC on 16 January 1983, less liquidated damages for late delivery in amount of \$ 4,159.73. |
| E 305 | Lighting Fixtures & Supplies | ONESCO, Inc. | 1 Oct.'80 | 8 partial shipments from Sept.'80 to June '82 | 23 Mar.'81 | 23,588.28 | 4,381.16 | 1) Final payment released by GASC on 16 January 1983, less liquidated damages for late delivery in amount of \$ 19,207.12. |
| A 301 | Miscellaneous Architectural Items | ONESCO, Inc. | 26 Sept.'80 | 6 partial shipments from Oct.'80 to Oct.'81 | 23 Feb.'81 | | | 1) Hold pending review of amounts billed against contract. |
| M 300 | Ventilation Equipment | ONESCO, Inc. | 24 Feb.'81 | 25 Jan.'81 | 2 Sept.'81 | 5,074.60 | 5,074.60 | 1) No schedule delay. 2) Final Payment released on 23 Nov.'82. Incl. Spare contract and spare parts. |
| M 302 | Forklift Trucks | American Export Group | 26 Aug.'81 | 20 April '81 | 20 Feb.'82 | 6,831.00 | 6,831.00 | 1) No delay in shipment. 2) Loss claim withdrawn. 3) Final payment released by GASC on 23 November 1982. |
| E 307 | Secondary Unit Substations | General Electric Co. Company | 13 Aug.'80 | 4 April '81 | 19 Feb.'81 | 15,180.20 | | 1) Hold payment pending provision of technical services & check-out of equipment. |
| M 301 | Bag Closers & Bagging Conveyors | Peabody Tectank | - | - | - | 7,300.53 | | 1) \$ 7,300.53 amount represents final amount due for technical services. |

GENERAL AUTHORITY FOR
SUPPLY COMMODITIES (GASC)
USAID LOAN Nº 263-K-041
BVI PROJECT 8152

EGYPTIAN GRAIN & TOF STORAGE FACILITIES
EQUIPMENT SHIPPING STATEMENT

Page 1

| Contract Number | Contract Description/ Supplier | Contents | Name of Vessel & Flag | Bill of Lading Nº & Date | Port of Exit/ Destination | Gross weight Pounds/ Long Tons | Total Volume Cu. Ft. | Arrival Date | Delivery Date to Warehouse Site | Receiving Report Number | Damage or loss Claim | Invoice Number & Date | F.O.B. Value U.S.D. | Freight Cost For Aid | C.I.F. Value U.S.D. |
|-----------------|--|---|--------------------------|------------------------------------|--|--------------------------------|----------------------|--------------|---------------------------------|-------------------------|----------------------|--|---------------------|----------------------|---------------------|
| M-201 | Lab Equipment (Neotec Instruments, Inc.) | (9) Packages Infrared Grain Analyzers And Associated Equip. (Complete Shipment) | Twa 800 (U.S.A.) | AWB No. 015-92878752 (19 Sept. 79) | (E) Dallas Airport (D) Cairo | 404 Lbs. .18 L.T. | | | 26 Sept. 79 (To Gasc Cairo) | — | None | 023304 (7 Aug. 79) | — | N/A | 33,244 |
| M-204 | Grain Storage And Bagging Bins (Peabody Tectank, Inc.) | (16) 40 Ft. Containers Containing Storage Tanks & Bins (Partial Shipment) | Almeria Lykes (U.S.A.) | B/L No. 28 24 Nov. 79 | (E) Houston, Texas (D) Alexandria, Egypt | 520,280 Lbs. 232.27 L.T. | 24540 | 20 Dec. 79 | 13 Jan. 80 | 1 | Yes Claim Nº 1 | 15150 (31 Oct. 79) 227,796 15151 (31 Oct. 79) 46,255 15152 (31 Oct. 79) 46,255 15153 (31 Oct. 79) 30,836 15154 (31 Oct. 79) 30,836 | 87,640 | 288,080 | |
| | | (4) 40 Ft. Containers Of Storage Tanks & Bins (Partial Shipment) | Almeria Lykes (U.S.A.) | B/L No. 31 24 Nov. 79 | (E) Houston, Texas (D) Alexandria, Egypt | 165,920 Lbs. 74.07 L.T. | 6160 | 20 Dec. 79 | 13 Jan. 80 | 1 | Yes Claim Nº 1 | 15298 A (30 Nov. 79) 85,423.50 15164 (13 Nov. 79) N/C | 21,910 | 108,030 | |
| | | (6) 40 Ft. Containers Of Storage Tanks & Bins (Partial Shipment) | Zoella Lykes (U.S.A.) | B/L No. 37 2 Dec. 79 | (E) Houston, Texas (D) Alexandria, Egypt | 228,220 Lbs. 101.88 L.T. | 9240 | 9 Jan. 80 | 26 Jan. 80 | 2 | Yes Claim Nº 1 | 15299 A (5 Dec. 79) 128,352.5 | 32,865 | 162,045 | |
| | | (2) 40 Ft. Containers & 26 Boxes Of Storage Tanks & Bins (Partial Shipment) | Joseph Lykes (U.S.A.) | B/L No. 52 14 Dec. 79 | (E) Houston, Texas (D) Alexandria, Egypt | 276,931 Lbs. 123.63 L.T. | 7586 | 18 Jan. 80 | 9 Feb. 80 | 3 | No | 15300 A (14 Dec. 79) 128,352.5 | 27,261.82 | 162,045 | |
| | | (6) 40 Ft. Containers Of Storage Tanks & Bins (Partial Shipment) | Elizabeth Lykes (U.S.A.) | B/L No. 11 31 Dec. 79 | (E) Houston, Texas (D) Alexandria, Egypt | 147,540 Lbs. 65.87 L.T. | 9240 | 30 Jan. 80 | 10 Feb. 80 | 4 | Yes Claim Nº 1 | 15329 (13 Dec. 79) 10,279 15330 (13 Dec. 79) 46,225 15331 (13 Dec. 79) 46,225 | 34,188 | 12,772 | |

GENERAL AUTHORITY FOR
SUPPLY COMMODITIES (GASC)
USAID LOAN № 263-K-041
BVI PROJECT 8152

EGYPTIAN GRAIN & TOF STORAGE FACILITIES
EQUIPMENT SHIPPING STATEMENT

Page 2

| Contract Number | Contract Description/ Supplier | Contents | Name of Vessel & Flag | Bill of Lading № & Date | Port of Exit/ Destination | Gross Weight Pounds/ Long Tons | Total Volume CU.FT. | Arrival Date | Delivery Date to Warehouse/ Site | Receiving Report Number | Damage or Loss Claim | Invoice Number & Date | F. O. B. Value U.S. D. | Freight Cost For Aid | C. I. F. Value U.S. D. |
|-----------------|--|---|-----------------------------|--------------------------|---|-----------------------------------|---------------------|--------------|-------------------------------------|-------------------------|----------------------|---|-------------------------------|----------------------|-------------------------------|
| M-204 | Grain Storage And Bagging Bins (Peabody Tectank, Inc.) | (4) 40 Ft. Containers & 46 Boxes of Storage Tanks & Bins (Partial Shipment) | Shirley Lykes (U.S.A.) | B/L No. 26 24 Jan. 80 | (E) Houston, Texas (D) Alexandria, Egypt | 478,845 Lbs. 213.77 L.T. | 18,163 | 7 Mar. 80 | 10 Mar. 80 | 5 | Yes Claim № 1 | 15301 (30 Nov. 79) 15302 (30 Nov. 79) 15417 (31 Dec. 79) | 154,394 154,394 154,394 | 69,280.49 | 165,284 165,284 165,284 |
| | | (3) 40 Ft. Containers & 42 Boxes of Storage Tanks & Bins (Partial Shipment) | Marjorie Lykes (U.S.A.) | B/L No. 44 15 Feb. 80 | (E) Houston, Texas (D) Alexandria, Egypt | 319,165 Lbs. 142.48 L.T. | 12,229 | 21 Mar. 80 | 12 April 80 | 6 | Yes Claim № 1 | 15439 (31 Dec. 79) 15440 (31 Dec. 79) | 154,395 154,395 | 44,955.35 | 183,650 183,650 |
| | | One Box of Spare Parts (Final Shipment) | Genevieve Lykes (U.S.A.) | B/L No. 29 8 May 80 | (E) Houston, Texas (D) Alexandria, Egypt | 3,295 Lbs 1.47 L.T. | 314 | 14 June 80 | 24 June 80 | 8 | No | 15983 (11 April 80) | 3,654 | 1038.55 | 4,429 |
| | | One Box of Replacement Parts (OS & D Claim No 1) | Laura u - V 75 (USA) | B/L No. 47 16 Sept 80 | (E) Houston, Texas (D) Alexandria, Egypt | 345 Lbs .15 L.T. | 27 | 4 Nov. 80 | 6 Dec. 1980 | 22 | No | 16522 (30 July 80) | — | 121.64 | N/C |
| | | One Box of Tank Parts (OS & D Claim № 1) | Drucilla U-V-77 (U.S.A.) | B/L № 3 11 Feb. 81 | (E) Houston, Texas (D) Alexandria, Egypt | 7,500 Lbs. 3.45 L.T. | 149 | | | | | 15298 AA | — | 822.52 | N/C |
| M-306 | Screw Conveyors (Newell Machinery Co.) | 20 Units Screw Conveyors & Misc. Accessory Equip. (Complete Shipment) | Leader V 73 (U.S.A.) | F09012 29 April 80 | (E) Baltimore, Maryland (D) Alexandria, Egypt | 38,000 Lbs 16.96 L.T. | | 4 July 80 | 27 Aug. 80 | 10 | No | 8298 (25 Feb. 80) | 80,555.55 | 9,524.34 | 90,225 |
| | | 1 Crate spare parts | Lash Pacifico (U.S.A.) | B/L 8004 12 Sept 81 | (E) Baltimore, Maryland (D) Alexandria, Egypt | 3,000 Lbs 1.34 L.T. | 102 | 14 Nov. 81 | 6 Dec. 81 | 57 | No | 10359 10 Sept. 81 | 9,544.33 | 1,762.87 | 11,494.33 |
| S-301 | Structural Steel & Miscellaneous Metals (Bell Steel Company) | 45 Pieces of Embedded Steel (Partial Shipment) | Jean Lykes (U.S.A.) | B/L № 7 12 April 80 | (E) New Orleans, Louisiana (D) Alexandria, Egypt | 75,037 Lbs. 33.50 L.T. | 1,183 | 8 May 80 | 5 June 80 | 7 | Yes Claim № 2 | 3850-79-2 (28 Mar. 80) | — | 4,539.54 | 190,585 |
| | | 89 Pieces of Steel Sections (Partial Shipment) | Dolly Turman Lykes (U.S.A.) | B/L No. 9 24 May 80 | (E) New Orleans, Louisiana (D) Alexandria, Egypt | 299,639 Lbs. 133.77 L.T. | 20,087 | 25 July 80 | 19 Aug. 80 | 11 | Yes Claim № 2 | 3850-79-3 (19 May 80) | — | 76,120.98 | 257,300 |

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| Contract Number | Contract Description/ Supplier | Contents | Name of Vessel & Flag | Bill of Lading N° & Date | Port of Exit/ Destination | Gross Weight Pounds/ Long Tons | Total Volume CU.FT. | Arrival Date | Delivery Date to Warehouse/ Site | Receiving Report Number | Damage or Loss Claim | Invoice Number & Date | F.O.B. Value U.S. D. | Freight Cost For Aid | C. I. F. Value U. S. D. |
|-----------------|--|---|-------------------------------|---------------------------|---|--------------------------------|---------------------|--------------|----------------------------------|-------------------------|----------------------|-----------------------------------|----------------------|----------------------|-------------------------|
| S-301 | Structural Steel & Miscellaneous Metals (Bell Steel Company) | 156 Drums And 1 Pallet of Paints And Enamels (Partial Shipment) | Almeria Lykes (U.S.A.) | B/L N° 5 25 July 80 | (E)Galveston, Texas (D)Alexandria Egypt | 96,461 Lbs. 43.06 L.T. | 1.860 | 27 Aug 80 | 10 Oct. 80 | 14 | No | 3850-79-5 20 July 80 | — | 12,310.88 | 62,804 |
| | | 291 Bundles of steel And 1 Pkg. Zinc Oxide (Final Shipment) | Almeria Lykes (U.S.A.) | B/L N° 1 (14 July 80) | (E)Pensacola, Florida (D)Alexandria, Egypt | 958,654 Lbs. 427.97 L.T. | 39,779 | 15 Aug 80 | 25 Sept. 80 | 15 | Yes Claim No 5 | 3850-79-6 14 July 80 | — | 149,120.33 | 259,961 |
| | | One Bundle Steel Parts | Almeria Lykes | B/L No. 26 (5 Sept 80) | (E)New Orleans Louisiana | 283 Lbs. .13 L.T. | 10 | 22 Oct. 80 | 12 Nov. 80 | 23 | No | 3850.79 16 Sept 80 | — | 150.80 | N/C |
| | | 10 Packages of grating & Bolts (Ins Claim) | Maria - U V 47 (U.S.A.) | B/L No 7 24 Sept 81 | (E)New Orleans (D)Alexandria | 17,085 Lbs. 7.63 L.T. | 5.24 | 6 Nov 81 | 6 Dec. 81 | 58 | No | 4014 .81 15 Oct. 81 | — | — | N/C |
| M 305 | Bucket Elevators (American Export Group) | 11 Crates of Bucket Elevators and parts (Complete Shipment) | Lash Italia (U.S.A.) | B/L No 8010 10 June 80 | (E)Baltimore, Maryland (D)Alexandria, Egypt. | 43,420 Lbs. 19.38 L.T. | 3.056 | 3 July 80 | 19 Aug. 80 | 12 | Yes (Claim N° 8) | 915-1063/ 5329 (12 June 80) | — | 10,566.12 | 61,446 |
| M-304 | Drag Conveyors (Tranco Metal Products) (Partial Shipment) | (3) 20 Ft. Containers With 225 Packages Of Conveyor Components (Partial Shipment) | Almeria Lykes (U.S.A.) | B/L No 37 19 April 80 | (E)Galveston, Texas (D)Alexandria, Egypt | 124,090 Lbs 55.40 L.T. | 2,469 | 17 JUNE 80 | 24 JUNE 80 | 9 | Yes Claim N° 3 | 2927 (22 Apr. 80) | 37,341 | 8,856.54 | 357,297.4 |
| | | 31 Bundles of Conveyor Components (Partial Shipment) | Almeria Lykes (U.S.A.) | B/L N° 33 25 July 80 | (E)Galveston, Texas (D)Alexandria, Egypt | 98,400 Lbs. 43.93 L.T. | 1958 | 25 Aug. 80 | 21 Sept 80 | 16 | No | 3048 (22 Apr 80) | 153,441 | 6,509.16 | 161,349.10 |
| S_301 | Structural steel (Bell steel company) | 3 BLDS. grating & stairs. | TORM JESSIES | B/L N° 3 29 April 81 | (E)Pensacola (D)Alexandria | 2,891 Lbs. 1.29 L.T. | 51 | | | | | 3850/79/8 | — | — | N/C |

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|-----------------|--|---|-------------------------|---------------------------|--|-----------------------------------|----------------------|--------------|-------------------------------------|-------------------------|----------------------|-----------------------------------|-------------------------|----------------------|-------------------------|
| M-304 | Drag Conveyors (Tranco Metal Products) | 491 Packages And 56 Bundles of conveyor Components (Partial Shipment) | Almeria Lykes (U.S.A.) | B/L No.13 8 Sept. 80 | (E)Galveston, Texas (D)Alexandria, Egypt | 244,190 Lbs. 109.01 L.T. | 6589 | 22 Oct.80 | 6 Nov. 80 | 21 | NO | 3142 8 Sept.80 | 422,468 | 26,939.94 | 451,597.04 |
| | | 953 Packages, 58 Bld. & 36 Pcs. Conveyor Components (Final Shipment) | Tillie Lykes (U.S.A.) | B/L Nº 11 31 Oct. 80 | (E)Galveston, Texas (D)Alexandria, Egypt | 447,430 Lbs. 199.75 L.T. | 13,097 | 19 Dec 80 | 30 Mar. 81 | 34 | Yes Claim Nº 4 | 3225 29 Oct.80 | 608,078.97 | 53,029.00 | 663,807.97 |
| | | 4 Pcs Conveyor Parts | Tillie Lykes (U.S.A.) | B/L Nº 62 26 July 81 | (E)Houston, Texas (B)Alexandria, Egypt | 10,000 Lbs. 4.46 L.T. | 500 | 14 Nov 81 | 6 Dec. 81 | 56 | NO | 3628 27 July 81 | 5,000 | 2,320.25 | N/C |
| E-302 | Motor Control Centers (American Export Group) | 9 Crates Motor Control Centers And Parts (Complete) | Red Jacket (U.S.A.) | B/L Nº 14521 5 Nov 80 | (E)Baltimore, Maryland (D)Alexandria, Egypt | 18,075 Lbs. 8.07 L.T. | 1249 | 15 Jan. 81 | 21 Jan. 81 | 35 | NO | 9111-0229 5919 11 Nov 80 | — | — | 60,534.20 |
| | | 1 Crate of electrical tools (Pco Nº 1) | Lash Atlantico (U.S.A.) | B/L Nº 8001 15, Jan 82 | (E)Baltimore Maryland (D)Alexandria | 360 LBS. 16 L.T. | — | 27 Feb. 82 | 16 Mar 81 | — | NO | 45711 T 8 Jan. 82 | 2,338.24 | 144.88 | 2,628 |
| M-205 | Truck & Railroad Track Scales (American Export Group) | 29 Boxes of Motor Truck Scales (Partial Shipment) | Lash Pacifico (U.S.A.) | B/L Nº 8001 30 June 80 | (E)Baltimore (D)Alexandria Egypt | 109543 Lbs. 48.90 L.T. | 3585 | 18 Aug. 80 | 31 Aug. 80 | 13 | Yes Claim Nº 4 | 9115-1062/ 7299/ 30 June 80 | — | 12,395.14 | 115,779 |
| | | 8 Boxes With One Complete Truck Scale (Complete Except Rails) | Lash Atlantico (U.S.A.) | B/L Nº 8011 27 Jan. 81 | (E)Baltimore (D)Alexandria Egypt | 57,203 Lbs. 25.54 L.T. | 1315 | 10 Feb. 81 | 26 June 81 | 43 | Yes (Claim 18) | 72992 T 25 Jan 81 | — | — | 15,240 |
| | | 10 Crates Rails For Truck Scales (Final Shipment) | Lash Pacifico (U.S.A.) | B/L Nº 8012 11 Feb. 81 | (E)Baltimore (D)Alexandria Egypt | 44,200 Lbs. 19.73 L.T. | 1,287 | 12 Mar. 81 | 26 June 81 | 48 | NO | 72993 T 13 Feb. 81 | — | — | N/C |

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| Contract Number | Contract Description / Supplier | Contents | Name of Vessel & Flag | Bill of Lading No & Date | Port of Exit/ Destination | Gross Weight Pounds/ Long Tons | Total Volume CU.FT. | Arrival Date | Delivery Date to Warehouse Site | Receiving Report Number | Damage or Loss Claim | Invoice Number & Date | F.O.B. Value U.S.D. | Freight Cost For Aid | C.I.F. value U.S.D. |
|-----------------|---|--|-------------------------|--------------------------|-----------------------------------|--------------------------------|---------------------|--------------|---------------------------------|-------------------------|---------------------------|------------------------------------|---------------------|----------------------|---------------------|
| A-301 | Misc. Architectural Items (Onesco, Inc.) | 2178 Pcs. Lighting Fixtures & 50 Pcs. Adhesives (Partial Shipment) | Lash Pacifico (U.S.A.) | B/L No 1000 29 Sept. 80 | (E) New York (D) Alexandria Egypt | 45,012 Lbs. 20.10 L.T. | 1,472 | 21 Oct 80 | 11 Nov. 80 | 17 | Yes (Claim 8) | 3496/542 (9 Oct. 80) | --- | | 372,006 |
| | | 13 Pcs. Lighting Fixtures (Partial shipment) | Lash Italia (U.S.A.) | B/L No 1009 10 Oct 80 | (E) New York (D) Alexandria Egypt | 14,906 Lbs. 6.65 L.T. | 940 | 30 Oct 80 | 4 Dec. 1980 | 26 | Yes (Claim 9) | 579 | --- | | 26,469 |
| | | 3 pcs Electrical Material (Partial shipment) | Lash Pacifico (U.S.A.) | B/L No 1010 14 Nov 80 | (E) New York (D) Alexandria | 90 Lbs. 04 L.T. | 10 | 15 Jan 81 | 22 Jan. 81 | 33 | No | 3712/718 26 Nov. 80 | --- | | 120.15- |
| | | 1 Case Electrical Equipment (Partial Shipment) | Lash Pacifico (U.S.A.) | B/L No 65 10 Feb. 81 | (E) New York (D) Alexandria | 1,580 Lbs. 0.75 L.T. | --- | 3 Mar 81 | 30 Mar 81 | 46 | No | 4075/1025 26 Feb. 81 | --- | | 4,050.- |
| | | 6 Metal Doors 10 Alum. Windows (Partial Shipment) | Lash Atlantico (U.S.A.) | B/L No 1004 28 April 81 | (E) New York (D) Alexandria | 1,251 Lbs. 0.56 L.T. | 170 | | 9 Sept. 81 | 54 | Yes (Claim 17) | 4354/2240 12 May. 81 | --- | | 1,500.- |
| | | Joint Filler & Coal Tar Paint | Lash Pacifico (U.S.A.) | B/L 8001 9 Sept 81 | (E) New York (D) Alexandria | --- | --- | Oct. 29. 81 | 6 Dec 81 | 59 | No | 2617 6 Oct. 81 | --- | | 34.65 |
| | | | | | | | | | | | | | | | |
| E-306 | Secondary Unit Substations (General Electric Co.) | 6 Pcs Transformers 3 Cs Switchgear (Complete Shipment) | Lash Atlantico (U.S.A.) | B/L No 8002 21 Mar. 81 | (E) Charleston (D) Alexandria | 53,781 Lbs. 24.01 L.T. | 2,632 | 1 April 81 | 9 June 81 | 50 | Yes (Claim 15) (Claim 21) | 794484 28 Jan 81 794485 28 Jan. 81 | --- | | 82,064. |
| M-202 | Portable Bagged Grain Conveyors (American Export Group) | 75 Packages of Grain Conveyors (Complete Shipment) | Lash Pacifico (U.S.A.) | B/L 8007 30 Nov 81 | (E) Baltimore (D) Alexandria | 132,450 59.13 L.T. | 10,388 | 20 Dec. 81 | 27 Feb 82 And 1 April 82 | 80 | Yes (Claim 22) | 33512 P 30 Nov. 81 | --- | | 575,958 |

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|-----------------|--|---|-------------------------|--------------------------|--------------------------------------|--------------------------------|----------------------|--------------|---------------------------------|-------------------------|----------------------|--|---------------------|----------------------|----------------------|
| E-305 | Lighting Fixtures and supplies (Onesco INC) | 37 Pcs. Lighting Fixtures (Partial Shipment) | Lash Pacifico (U.S.A.) | B/L N°1014 29 Sept. 80 | (E) New York - (D) Alexandria, Egypt | 2,402 LBS. 1.07 LT. | 145 | 21 Oct. 80 | 11 Nov. 80 | 20 | No | 3514/543 14 Oct. 80 | --- | | 19,518.66 |
| | | 4 Blds. of Structural Steel Angles (Partial Shipment) | Lash Atlantico (U.S.A.) | B/L N°8006 21 Oct. 80 | (E) New York - (D) Alexandria, Egypt | 20,250 LBS. 9.04 LT. | 184 | 10 Nov. 80 | 4 Dec. 80 | 25 | No | 3495/575 9 Oct. 80 | --- | | 6,501.51 |
| | | 6 Skids and 2 bundles Electrical Equipment (Partial Shipment) | Lash Pacifico (U.S.A.) | B/L N°1011 14 Nov. 80 | (E) New York - (D) Alexandria, Egypt | 7,354 LBS. 3.28 LT. | 502 | 15 Jan. 81 | 22 Jan. 81 | 32 | Yes (Claim 12) | 3700/714 26 Nov. 80 3700/715 26 Nov. 80 | --- | | 3,745.- 37,507.35 |
| | | 41 Packages Elect. Equip | Lash Pacifico (U.S.A.) | B/L N° 1012 29 Dec. 80 | (E) New York - (D) Alexandria, Egypt | 2,282 LBS. 1.02 LT. | 164 | 25 Jan. 81 | 17 Feb. 81 | 36 | No | 3807/886 24 Dec. 80 | --- | | 17,689.17 |
| | | 1 Case Electrical Equipment | Lash Pacifico (U.S.A.) | B/L N° 50 10 Feb. 81 | (E) New York - (D) Alexandria, Egypt | 4,128 LBS. 184 LT. | 316 | 3 Mar. 81 | 30 Mar. 81 | 45 | No | 4042/1026 26 Feb. 81 | --- | | 41,824.45 |
| | | 1011 Pcs Lighting Fixtures | Lash Atlantico (U.S.A.) | B/L N°1002 28 April 81 | (E) New York - (D) Alexandria, Egypt | 20,255 LBS. 9.04 LT. | 1,826 | | 9 Sept. 81 | 54 | Yes (Claim 13) | 4320/2239 12 May 81 | --- | | 97,694.3 |
| | | Electrical Material (Part of PCO N°1) | Lash Pacifico (U.S.A.) | B/L 8001 9 Sept. 81 | (E) New York - (D) Alexandria, Egypt | | | 29 Oct. 81 | 6 Dec. 81 | 59 | No | 5138/2615 6 Oct. 81 | --- | | 4,245.50 |
| | | Electrical Material (PCO N°-1 Complete) | Lash Atlantico (U.S.A.) | B/L 8002 29 April 82 | (E) New York - (D) Alexandria, Egypt | 439 LBS. .20 LT. | | 17 June 82 | 27 June 82 | --- | No | 6071/3469 17 May 82 | --- | | 5,660.- |
| M-307 | Spouting Gates And Valves (Hough Brothers, Inc.) | (3)40 Containers of Spouting Gates And Valves (Complete Shipment) | Defiance (U.S.A.) | B/L E36123 3 Mar. 81 | (E) Savannah - (D) Alexandria, Egypt | 97,212 LBS. 43.40 LT. | 5,216 | 16 April 81 | 30 April 81 | 51 | No | 8571 25 Feb. 81 8571 25 Feb. 81 | --- | 24,287.- | 59,206.- 4,275.- |
| | | One Crate Of Discharge Chutes | Lash Pacifico (U.S.A.) | B/L N°15 22 July 81 | (E) New York - (D) Alexandria, Egypt | 900 LBS. .40 LT. | 39 | | | | Yes (Claim 20) | HB-8L-58 23 June 81 | --- | | N/C |

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| Contract Number | Contract Description / Supplier | Contents | Name of Vessel & Flag | Bill of Lading N° & Date | Port of Exit/ Destination | Gross Weight Pounds / Long Tons | Total Volume CU. FT. | Arrival Date | Delivery Date to Warehouse Site | Receiving Report Number | Damage or Loss Claim | Invoice Number & Date | F.O.B. Value U.S.D. | Freight Cost For Aid | C.I.F. value U.S.D. |
|-----------------|---|--|-------------------------|--------------------------|---|---------------------------------|----------------------|--------------|---------------------------------|-------------------------|----------------------|----------------------------|---------------------|----------------------|---------------------|
| M-303 | Portable Bulk Grain Conveyors (mid-west conveyor Company, Inc.) | 16 Portable Bulk Grain Conveyors (Complete Shipment) | Lash Atlantico (U.S.A) | B/L N° 1001 23 Oct. 80 | (E) Charleston, North Carolina (D) Alexandria, Egypt | 148,000 LBS. 66.07 L.T. | 12,601 | 15 Nov 80 | 4 Dec 80 | 24 | NO | 24810 1 Sept. 80 | — | | 238,306.4 |
| M-310 * | Ventilation Equipment (Onesco, Inc.) | 64 Pkgs Ventilation Equipment (Complete Shipment) | Lash Pacifico (U.S.A.) | B/L N° 1013 29 Dec 80 | (E) New York (D) Alexandria | 7,090 Lbs 3.17 L.T. | 1353 | 25 Jan. 81 | 17 Feb. 81 | 37 | NO | 3808/761 29 Dec 80 | — | | 70,745.0 |
| | | 200 Screws (Replacements) | Lash Pacifico | B/L N° 65 10 Feb. 81 | (E) New York (D) Alexandria | Incl. in A 301 Shipment | — | 3 Mar 81 | 30 Mar 81 | 45A | NO | 4077/1023 26 Feb 81 | — | | N/C |
| | | Airhanding Units | Lash Atlantico | B/L N° 1003 28 April 81 | (E) New York (D) Alexandria | 34 LBS. 02 L.T. | 2 | | 9 Sept. 81 | 52 | NO | 4353/2241 12 May 81 | — | | N/C |
| M-203 | Bag Closers And Bagging conveyors (Aeroglide corporation) | 29 Pkgs Bag Closers & conveyors (Partial shipment) | Defiance (U.S.A.) | B/L B09655 5 Dec. 80 | (E) Norfolk Virginia (D) Alexandria, Egypt | 29,127 Lbs 13.00 L.T. | 1754 | 20 Jan 81 | 10 Feb. 81 | 39 | NO | 1448-1 9 Dec 80 | — | | 47,690.- |
| | *NOTE Refer to page N° 10 for spare parts & Sataqa equipment shipments | 17 Crates & skids Bag closers and Conveyors (Partial shipment) | Lash Pacifico (U.S.A.) | B/L N° 1008 30 Dec. 80 | (E) Newport New Virginia (D) Alexandria, Egypt | 18,015 Lbs 8.04 L.T. | 887 | 25 Jan 81 | 15 Feb. 81 | 40 | NO | 1448-2 23 Dec 80 | — | | 75,524.68 |
| | | 4 Crates of Bag Closers (Final Shipment) | Lash Atlantico (U.S.A.) | B/L N° 02 26 Jan 81 | (E) Newport News, Va. (D) Alexandria, Egypt | 6000 Lbs 2.68 L.T. | 320 | 24 Jan 81 | 2 Mar 81 | 42 | NO | 1448-3 14 Jan 81 | — | | 252460. |
| | | 1 Crate Conveyor Drive Motor Parts | Zim Northland | B/L N° 02 20 Jan 82 | (E) Ports mouth (D) Alexandria | 472 Lbs 21 L.T. | 17 | 2 Mar. 82 | 16 Mar. 82 | - | NO | 3388 11 Jan 82 | — | | N/C |
| M-310 * | Ventilation Equip. (Onesco, Inc.) | 6 Cases of Motor Bases | Lash Pacifico (U.S.A.) | B/L 33 8 Dec. 81 | (E) New York (D) Alexandria | 20 Lbs | 4 | | | | | 5626/ 3019 31 Dec 81 | — | | N/C |
| | | 1 Case of Registers and gnts | Lash Pacifico | B/L N° 18 4 Feb. 1982 | (E) New York (D) Alexandria | 725 Lbs 32 L.T. | | 6 Mar 82 | 23 Mar 82 | | NO | 5775 / 3174 2 Feb. 82 | — | | N/C |

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|-----------------|---|--|-------------------------|----------------------------|---------------------------------------|--------------------------------|----------------------|--------------------------|---------------------------------|-------------------------|----------------------|--|-------------------------|----------------------|----------------------------|----------|
| E-307 | Panel Boards (New World Research Corp) | 7 Boxes Panel Boards With circuit Breakers (Partial Shipment) | Lash Pacifico (U.S.A.) | B/L Nº 8002 29 Dec. 80 | (E) New York (D) Alexandria | 1,650 Lbs. .74 L.T. | — | 28 Jan. 81 | 15 Feb. 81 | 41 | Yes (Claim 13) | Ctm-6727 16 Dec. 80 | 11,176 | 466.74 | 11,611. | |
| | | 1 Box Containing Roto-Binders - Pco Nº 1 - (Final shipment) | Lash Pacifico (U.S.A.) | B/L Nº 8001 10 Feb. 81 | (E) New York (D) Alexandria | 234 Lbs. .10 L.T. | 24 | 3 Mar. 81 | 30 Mar. 81 | 44 | NO | Ctm-6727 17 Feb. 81 | 2,793.- | 120.45 | 2,943.- | |
| | | | | | | | | | | | | | | | | |
| E-303 | Conduit (Onesco, Inc.) | 249 Pcs Lighting Fixtures & 55 Lits Gal Steel Conduit (Partial Shipment) | Lash Pacifico (U.S.A.) | B/L Nº 1017 29 Sept. 80 | (E) New York (D) Alexandria, Egypt | 93,241 Lbs. 41.63 L.T. | 1,875 | 21 Oct. 80 21 Oct. 80 | 11 Nov. 80 23 Dec. 80 | 18A 18B | Yes (Claim 7) | 3492/540 8 Oct. 80 3493/541 8 Oct. 80 | — | — | 4,008,266 2,720,829 | |
| | | 2 Skids Lighting Fixtures (Partial Shipment) | Lash Italia (U.S.A.) | B/L Nº 1008 10 Oct. 80 | (E) New York (D) Alexandria, Egypt | 2,500 Lbs. 1.12 L.T. | 83 | 30 Oct. 80 | 4 Dec. 80 | 28 | Yes (Claim 10) | 3501/577 30 Oct. 80 | — | — | 4,506.15 | |
| | | 5 Bundles Structural Steel Angles (Partial Shipment) | Lash Atlantico (U.S.A.) | B/L Nº 8005 21 Oct. 80 | (E) New York (D) Alexandria, Egypt | 19,614 Lbs. 8.76 L.T. | 163 | 10 Nov. 80 | 4 Dec. 80 | 27 | No | 3500/578 30 Oct. 80 | — | — | 5,467.09 | |
| | | 9 Pcs and 13 Bundles of Electrical Equipment (Final Shipment) | Lash Pacifico (U.S.A.) | B/L Nº 1009 14 Nov. 80 | (E) New York (D) Alexandria | 15,976 Lbs. 7.13 L.T. | 212 | 15 Jan. 1981 | 22 Jan. 81 | 30 | Yes (Claim 11) | 3707/716 25 Nov. 80 3707/717 25 Nov. 80 | — | — | 9,085.77 6,520.53 | |
| | | Gaskets & Plastic plugs | Lash Pacifico (U.S.A.) | B/L Nº 8001 9 Sept. 81 | (E) New York (D) Alexandria | | | | 29 Oct. 81 | 5 Dec. 81 | 59 | No | 2619 6 Oct. 81 | — | — | 1.55 |
| | | Unistrut clamps (Pco Nº 1) | Lash Pacifico (U.S.A.) | B/L Nº 17 4 Feb. 82 | (E) New York (D) Alexandria | 700 Lbs. 31 L.T. | | | 16 Mar. 82 | 23 Mar. 82 | - | No | 5782/3189 | | | 1,615.00 |
| | | | | | | | | | | | | | | | | |

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|-----------------|--|---|------------------------|--------------------------|---|---------------------------------|----------------------|--------------|-----------------------------------|-------------------------|----------------------|-----------------------|---------------------|----------------------|----------------------|
| E-304 | Conductors (Onesco Inc.) | 61 Pcs. Lighting Fixtures (Partial Shipment) | Lash Pacifico (U.S.A.) | B/L N°1015 20 Sept. 80 | (E)Newyork (D)Alexandria, Egypt | 4,415 Lbs. 1.97 L.T. | 316 | 21 Oct. 80 | 11 Nov. 80 | 19 | No | 3494/544 8 Oct. 80 | — | | 20273.79 |
| | | 80 Pkgs. Lighting Fixtures (Partial Shipment) | Lash Italia (U.S.A.) | B/L N°1007 10 Oct. 80 | (E)Newyork (D)Alexandria, Egypt | 28,517 Lbs. 12.73 L.T. | 1,202 | 30 Oct. 80 | 4 Dec. 80 | 29 | No | 3599/574 30 Oct. 80 | — | | 7103.22 |
| | | 14 Pcs. Electrical Equipment (Partial Shipment) | Lash Pacifico (U.S.A.) | B/L N°1012 14 Nov. 80 | (E)Newyork (D)Alexandria, Egypt | 6,635 Lbs. 2.96 L.T. | 328 | 15 Jan. 81 | 22 Jan. 81 | 31 | No | 3705/719 26 Nov. 80 | — | | 4,531.67 |
| | | 8 Pkgs. Electrical Equipment (Final Shipment) | Lash Pacifico (U.S.A.) | B/L N°1011 29 Dec. 80 | (E)Newyork (D)Alexandria, Egypt | 1,641 Lbs. 0.73 L.T. | 46 | 25 Jan. 81 | 16 Feb. 81 | 38 | No | 3809/888 29 Dec. 80 | — | | 4,372.35 |
| M-302 | Forklift Trucks (American Export Group) | 4 Fork Lift Trucks | Lash Pacifico (U.S.A.) | B/L N°8003 31 Mar. 81 | (E)Baltimore, Maryland (D)Alexandria, Egypt | 34,000 Lbs. 15.18 L.T. | 966 | 20 April 81 | 22 Oct. 81 | 52 | Yes (Claim 19) | 9115.000 237/7680 | — | | 68,310. |
| E-301 | Interrupter Switchgear (American Export Group) | 1 Flat Rack of Interrupter Switchgear (Complete Shipment) | Young America (U.S.A.) | B/L F 17315 22 April 81 | (E)Baltimore (D)Alexandria | 12,100 Lbs. 5.40 L.T. | 20 | 22 June 81 | 26 June 81 | 49 | No | 6379 22 April 81 | — | | 42,554. |

GENERAL AUTHORITY FOR
SUPPLY COMMODITIES(GASC)
USAID LOAN No.263-K-041
BVI PROJECT 8152

EGYPTIAN GRAIN & TOF STORAGE FACILITIES
EQUIPMENT SHIPPING STATEMENT.

| Contract Number | Contract Description Supplier | Contents | Name of Vessel & Flag | Bill of Lading No & Date | Port of Exit/ Destination | Gross Weight Pounds/ Long Tons | Total Volume C.U.F.T. | Arrival Date | Delivery Date to Warehouse/ Site | Receiving Report Number | Damage or Loss Claim | Invoice Number & Date | F.O. B Value U. S. D. | Freight Cost For Aid | C.I.F. Value U.S.D. |
|-----------------|---|---|--------------------------|--------------------------|---|--------------------------------|-----------------------|--------------|----------------------------------|-------------------------|----------------------|---|-----------------------|----------------------|--|
| M 203 | Bag closers and bagging conveyors. (Aeroglide corporation) | 1)30each 25 FT power cord (PCO No. 1) 2)Quay 81/82 spare parts (PCO No 3) 3) 20 Bag closers and bagging conveyors for Safage, w/Power cords (PCO No 2) | Young America (U.S.A) | B/L 813972 1 Dec. 81 | (E) Norfolk Virginia (B)Alexandria | 35 946 Lbs. 16 05 LT. | 2.125 | 17 Jan 82 | 15 Feb 82 | - | NO | 3249 23 Nov 81 3247 23 Nov 81 3248 23 Nov 81 | - | | 3.384. 17.068.99 169.800 |
| | | | | | | | | | | | | | | | |

GENERAL AUTHORITY FOR
SUPPLY COMMODITIES (GASC)
USAID LOAN NO. 263-K-041
BVI PROJECT 8152

EGYPTIAN GRAIN & TOF STORAGE FACILITIES
EQUIPMENT SHIPPING STATEMENT

Page: 11

| Contract Number | Contract Description / Supplier | Contents | Name of Vessel & Flag | Bill of Lading No. & Date | Port of Exit. Destination | Gross Weight Pounds/ Long Tons | Total Volume Cu. Ft. | Arrival Date | Delivery Date to Warehouse Site | Receiving Report Number | Damage or loss Claim | Invoice Number & Date | F.O.B. Value U.S.D. | Freight Cost For Aid | C.I.F. Value U.S.D. |
|-----------------|--|--|-------------------------|----------------------------------|--|--------------------------------|----------------------|--------------|---------------------------------|-------------------------|----------------------|-----------------------|---------------------|----------------------|---------------------|
| GC-2 | TOF GENERAL Construction (Harbert, Howard Companies) | 43 Packages of Reinforcing steel bars (1 st Shipment) | Doctor Lykes (U.S.A.) | B/L No. 2 16 Dec. 81 | (E) Mobile Alabama (D) Alexandria | | | | | | | | | | |
| | | 691 Packages of Reinforcing steel bars (1 st Shipment) | Doctor Lykes (U.S.A.) | B/L No. 3 16 Dec. 81 | (E) Mobile Alabama (D) Alexandria | | | | | | | | | | |
| | | 528 Packages of construction equip, parts, accessories and supplies (1 st Shipment) | Doctor Lykes (U.S.A.) | B/L No. 7 17 Dec. 81 | (E) Mobile Alabama (D) Alexandria | 1,624,715 LBS 725.32 LT. | 94.029 | | | | | | | | |
| | | 19 Bundles of fabricated steel & 5 Crates lab steel (1 st Shipment) | Doctor Lykes (U.S.A.) | B/L No. 8 17 Dec. 81 | (E) Mobile Alabama (D) Alexandria | 62,772 LBS 28.02 LT. | 1,000 | | | | | | | | |
| | | 3 Containers of tools, supplies and spare parts (2 nd Shipment) | Jean Lykes (U.S.A.) | B/L No. 612 12 Jan. 82 | (E) Wilmington North Carolina (D) Alexandria | | | | | | | | | | |
| | | 782 Pieces steel pipe 3 Containers steel fittings (2 nd shipment) | Jean Lykes (U.S.A.) | B/L No. 613 12 Jan 82 | (E) Wilmington North Carolina (D) Alexandria | | | | | | | | | | |
| | | 129 Bundles of reinforcing steel bars (3 rd Shipment) | Marjorie Lykes (U.S.A.) | B/L No. 3 15 Jan. 82 | (E) Pensacola Florida (D) Alexandria | 275,544 Lbs 123.01 LT. | | | | | | | | | |
| | | 21 Containers, 10 Bundles 1 Crate, 4 Boxes, 249 Bundles Containing Tank Steel Plate, Pipe, Welding Rop, Paint, Fitting, Diesel Generator, Etc. | Leslie Lykes (U.S.A.) | B/L No. 704-705, 706 15 Mar. 81 | (E) Wilmington North Carolina (D) Alexandria | | | | | | | | | | |
| | | Tank Steel, Steel Pipe, Iron pipe, Fittings Valves, Expansion Joints, Insulation, Paint. | Nanly Lykes (U.S.A.) | B/L No. 842, 843, 844 6 May 1982 | (E) Wilmington N. Carolina (D) Alexandria | | | | | | | | | | |

GENERAL AUTHORITY FOR
SUPPLY COMMODITIES (GASC)
USAID LOAN No 263-K-041
BVI PROJECT 8152

EGYPTIAN GRAIN & TOF STORAGE FACILITIES
EQUIPMENT SHIPPING STATEMENT

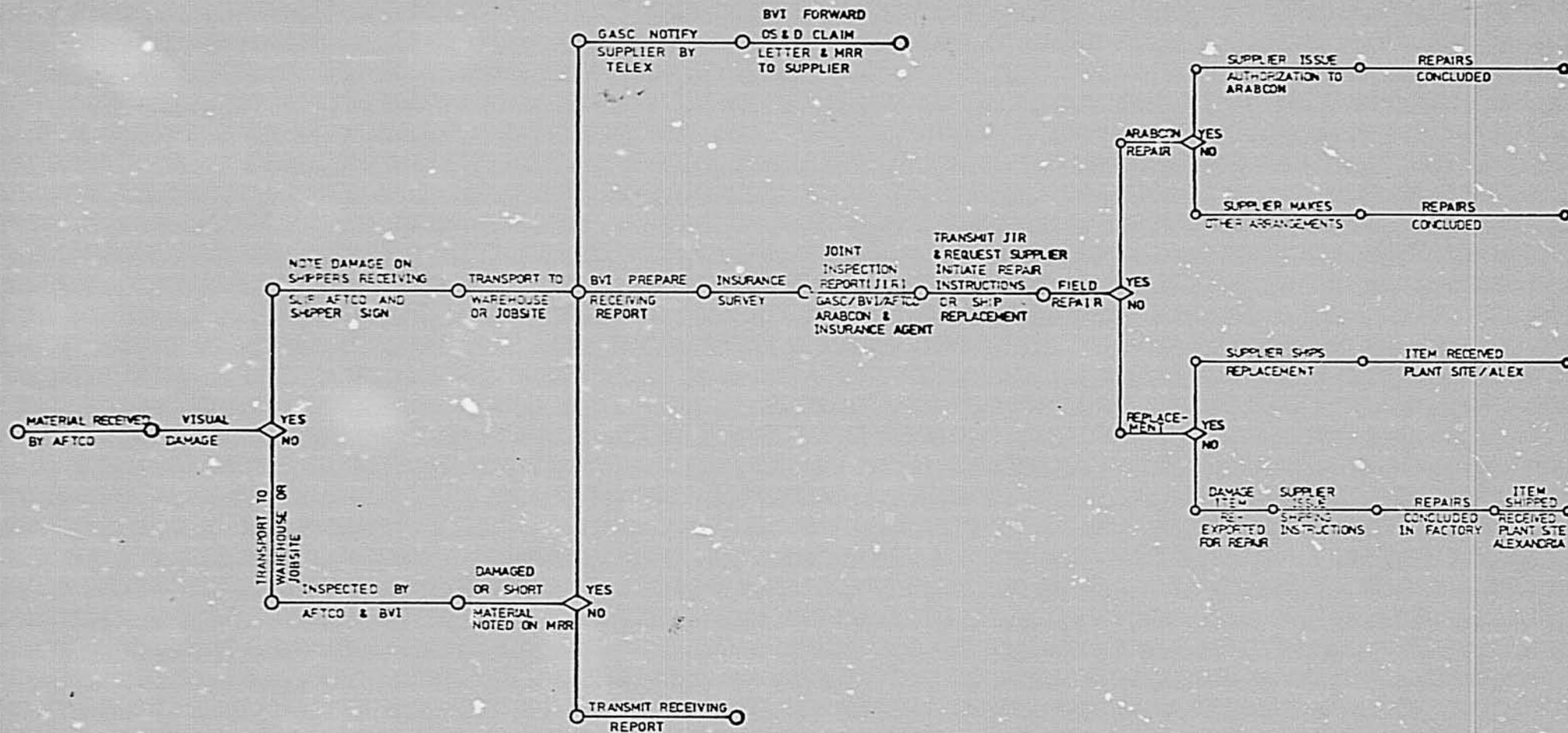
| Contract Number | Contract Description/ Supplier | Contents | Name of Vessel & Flag | Bill of Lading No & Date | Port of Exit/ Destination | Gross Weight Pounds/ Long Tons | Total Volume CU.FT. | Arrival Date | Delivery Date to Warehouse/ Site | Receiving Report Number | Damage or Loss Claim | Invoice Number & Date | F.O.B. Value U.S.D. | Freight Cost For Aid | C.I.F. Value U.S.D. | |
|-----------------|--|---|------------------------|--------------------------|---------------------------------|--------------------------------|---------------------|--------------|----------------------------------|-------------------------|----------------------|-----------------------|---------------------|----------------------|---------------------|--|
| G.C. 2 | TOF General Construction Harbert-Howard Companies | 4 Containers of Fiber Glass Insulation, Weld Fittings, Valves, Pipe Accessories | Lash Pacifico (U.S.A.) | B/L 1006 26 May 82 | (E) Baltimore (S) Alexandria | | | | | | | | | | | |
| | | 7 Bundles & 1 Crate Of Ductile Iron Pipe, Pipe Fittings & Accessories | Lash Pacifico (U.S.A.) | B/L 8005 28 May 82 | (E) Baltimore (D) Alexandria | | | | | | | | | | | |
| | | 67 Bundles Steel Contuit. | Lash Italia (U.S.A.) | B/L 8003 16 June 82 | (E) Baltimore (D) Alexandria | | | | | | | | | | | |
| | | Building Cables, Flood Lights, Conduits & Fittings. | Lash Italia (U.S.A.) | B/L 1006 11 June 82 | (E) New York (D) Alexandria | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | |

GENERAL AUTHORITY FOR
SUPPLY COMMODITIES(GASC)
USAID LOAN No263 - K-041
BVI PROJECT 8152

INSURANCE CLAIM

QUAY 81/82 BAGGING FACILITY
ALEXANDRIA, EGYPT, A. R. E.

FLOW CHART



| FILE NO. | DESCRIPTION | 1963 | | | | | | | | | | | | 1964 | | | | | | | | | | | |
|----------|----------------------------|---------|----------|-------|-------|-----|------|------|--------|-----------|---------|----------|----------|---------|----------|-------|-------|-----|------|------|--------|-----------|---------|----------|----------|
| | | January | February | March | April | May | June | July | August | September | October | November | December | January | February | March | April | May | June | July | August | September | October | November | December |
| 1 | IMPACT DENSIFICATION | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | CONCRETE TRENCH & PIPE SUP | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | CIVIL FOR TNKS AND PNG | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | OPERATIONS BUILDING EXCAV | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | OP BLD FND, GD BM, COL | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | OP BLD PLBG, ELEC, FND | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | OP BLD SLAB, FLOORS | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | OFFICE BUILDING GD BM, COL | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | OFF BLDG PLBG, ELEC, FND | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | OFF BLDG SLAB, FLOORS | | | | | | | | | | | | | | | | | | | | | | | | |
| 11 | SUBSTATION BUILDING | | | | | | | | | | | | | | | | | | | | | | | | |
| 12 | OFFICE BUILDING | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | OFFICE BLDG ROOF | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | OPERATIONS BLDG ROOF | | | | | | | | | | | | | | | | | | | | | | | | |
| 15 | OP BLDG MECH | | | | | | | | | | | | | | | | | | | | | | | | |
| 16 | PIPING PAINT & INS | | | | | | | | | | | | | | | | | | | | | | | | |
| 17 | TESTING (PIPING) | | | | | | | | | | | | | | | | | | | | | | | | |
| 18 | ELECTRICAL SUBCONTRACTOR | | | | | | | | | | | | | | | | | | | | | | | | |
| 19 | TANK ERECTION | | | | | | | | | | | | | | | | | | | | | | | | |
| 20 | TANK TESTING | | | | | | | | | | | | | | | | | | | | | | | | |
| 21 | TANK PAINTING | | | | | | | | | | | | | | | | | | | | | | | | |
| 22 | TERMINAL PNG CONCRETE | | | | | | | | | | | | | | | | | | | | | | | | |
| 23 | TERMINAL PNG AND TEST | | | | | | | | | | | | | | | | | | | | | | | | |
| 24 | OIL SEPARATOR | | | | | | | | | | | | | | | | | | | | | | | | |
| 25 | FUEL OIL TANK CIVIL | | | | | | | | | | | | | | | | | | | | | | | | |
| 26 | SEWAGE LIFT STATION | | | | | | | | | | | | | | | | | | | | | | | | |
| 27 | LOADING DOCK CONCRETE | | | | | | | | | | | | | | | | | | | | | | | | |
| 28 | LOADING DOCK STEEL | | | | | | | | | | | | | | | | | | | | | | | | |
| 29 | TRUCK WELFARE BLDG EXCAV | | | | | | | | | | | | | | | | | | | | | | | | |
| 30 | TRUCK WELFARE CONCRETE | | | | | | | | | | | | | | | | | | | | | | | | |
| 31 | TRUCK WELFARE BUILDING | | | | | | | | | | | | | | | | | | | | | | | | |
| 32 | SCALE & PAVING | | | | | | | | | | | | | | | | | | | | | | | | |
| 33 | FINAL CLEAN UP | | | | | | | | | | | | | | | | | | | | | | | | |

ACTUAL PROGRESS AS SCHEDULED

TOP OF TERMINAL CONSTRUCTION SCHEDULE



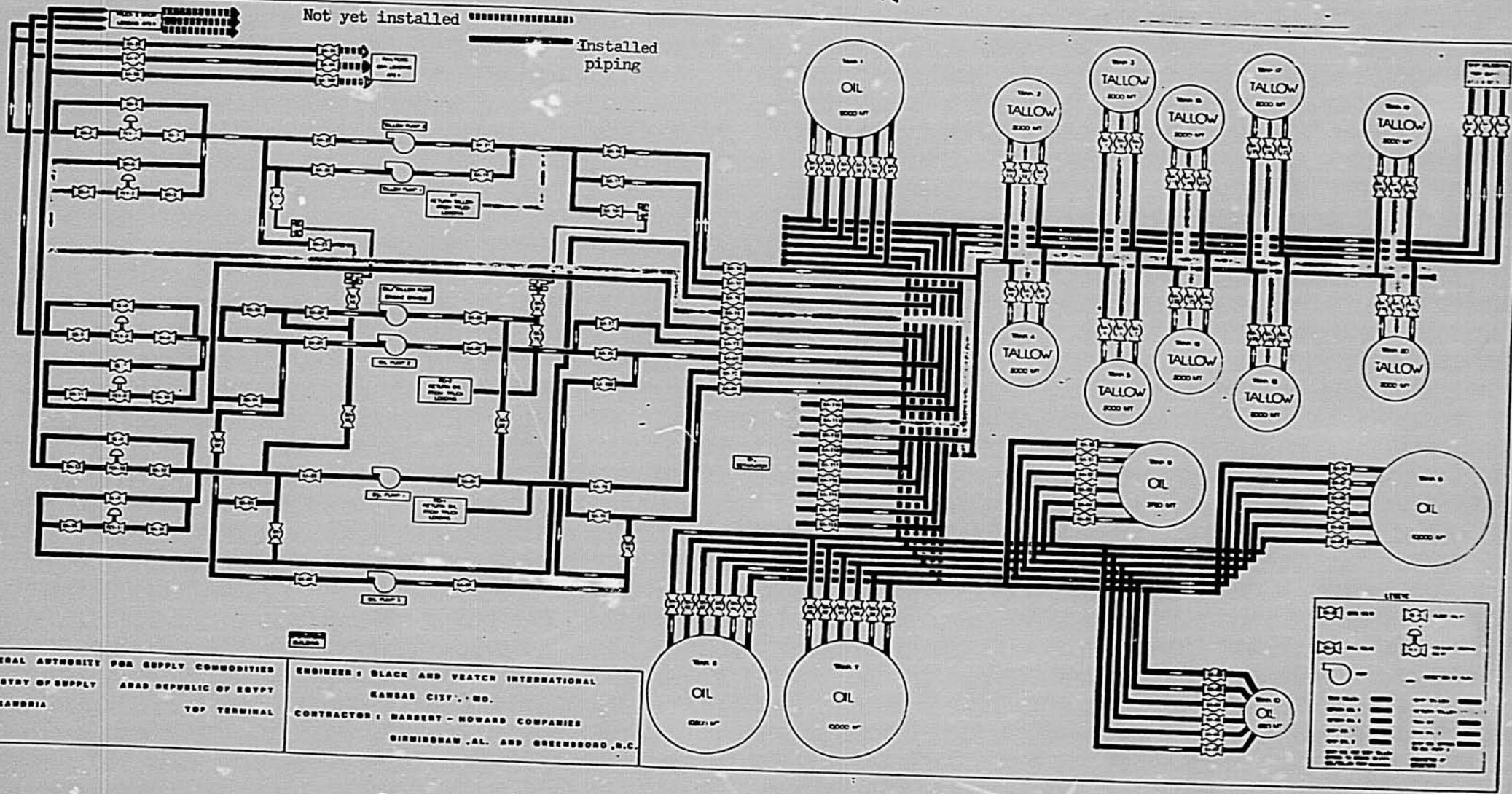
PROJECT

SHEET OF

DATE REVISION OR ISSUE NO. BY

EXHIBIT XI

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GENERAL AUTHORITY FOR SUPPLY COMMODITIES
 MINISTRY OF SUPPLY ARAB REPUBLIC OF EGYPT
 ALEXANDRIA
 TOP TERMINAL

ENGINEER: BLACK AND VEATCH INTERNATIONAL
 KANSAS CITY, MO.
 CONTRACTOR: HARBERT - HOWARD COMPANIES
 BIRMINGHAM, AL. AND GREENSBORO, N.C.

UTILIZATION PLAN
USAID LOAN 263 K 041

The following is a list of items or activities for consideration under the current Grain/TOF project loan agreement.

TOF

- Maintenance tools
- Spare parts
- Telecommunications system
- Direct costs and services for manufacturers representatives
- Protection of insulated Tallow lines outside the terminal
- Bulk Tallow and Oil trucks
- Railway spur
- TOF contingencies
- Laboratory equipment
- Extension of the TOF pipelines upon completion of quay 87-5
- Extension of TOF pipelines to quay 87-1/87-2
- Design and Support for any of the above

Quay 81/82

- Telecommunications system
- Dust collection system
- Fire protection system upgrade
- Bucket elevator coupling conversion
- General Electric technical service representative
- Wash water system and high pressure booster pump
- Monorails/hoisting equipment
- Impact wrenches and a portable compressor
- Hand carts, Quay 81/82 bagging
- Grain probes for bin sampling
- Explosion proof safety lamps
- Bulk grain trucks
- Manufacturers representative for the truck scale
- Ship Unloaders suitable for handling corn
- Design and Support for any of the above

Safaga

- Spare parts for Safaga bag closers and bagging conveyors
- Bulk grain trucks for Safaga
- Additional truck scale, 80 ton.
- Aggregate testing program

BUDGET ANALYSISEXHIBIT XIIIU.S. DOLLAR COSTS INCURRED THRU JULY 1983DESIGN OF GRAIN & TOF STORAGE FACILITIES

CONTRACT MONTH NO. _____

| ITEM | <u>JULY</u> | COSTS TO DATE | CONTRACT BUDGET | PERCENTAGE USED |
|---------------------------------------|-------------|------------------|--------------------|--------------------|
| 1. Overseas Salaries at U.S. Base Pay | 6215.38 | 473789.77 | 516182 | 91.8 |
| 2. Overseas Differential | 1243.08 | 94757.95 | 108611 | 87.3 |
| 3. Overhead - Overseas Field Staff | 6283.75 | 477260.99 | 518914 | 91.9 |
| 4. Home Office Salaries | 2523.09 | 1416548.30 | 1439790 | 98.4 |
| 5. Monthly Salary Adjustment | | | | |
| 6. Overhead - Home Office | 2550.85 | 1417411.83 | 1446738 | 97.9 |
| 7. Fixed Fee | 6177.71 | 700197.84 | 718731 | 97.4 |
| 8. Subcontract Costs | | 135129.71 | 135642 | 99.6 |
| 9. Consultant Costs | | 2808.94 | 2679 | 104.0 |
| 10. Travel & Per Diem | | | | |
| a) International Travel | | 143744.02 | 117200 | 122.7 |
| b) International Per Diem | | 7267.00 | 11040 | 65.8 |
| c) Domestic Travel | | 4405.35 | 12400 | 35.5 |
| d) Domestic Per Diem | | 2117.67 | 10100 | 20.9 |
| 11. Transportation Personal Baggage | | 6363.73 | 11040 | 57.6 |
| 12. Transportation Household Effects | 1940.09 | 54436.53 | 92000 | 59.2 |
| 13. Transportation Equipment | | 16429.25 | 88500 | 18.6 |
| 14. Equipment | | 24854.74 | 72700 | 34.2 |
| Equipment - Project | | | 5000 | - |
| 15. Other Direct Costs | | | | |
| a) Out of Pocket Expenses | 815.35 | 53998.96 | 51679 | 104.5 |
| b) Miscellaneous | 175.08 | 143722.16 | 105441 | 136.3 |
| 16. Field Staff Allowances | | 30883.75 | 23400 | 131.9 |
| TOTAL | 27924.38 | 5206128.49 | 5487787 | 94.9 |

General Authority for Supply Commodities
 Ministry of Supply
 Arab Republic of Egypt

Project 8152

BUDGET ANALYSIS

EXHIBIT XIII

U.S. DOLLAR COSTS INCURRED THRU JULY 1983

DESIGN OF GRAIN & TOF STORAGE FACILITIES

LAB EQUIPMENT

CONTRACT MONTH NO. _____

| ITEM | <u>JULY</u> | COSTS TO DATE | CONTRACT BUDGET | PERCENTAGE USED |
|---------------------------------------|-------------|------------------|--------------------|--------------------|
| 1. Overseas Salaries at U.S. Base Pay | | 375.68 | 525 | 71.6 |
| 2. Overseas Differential | | 75.13 | 105 | 71.6 |
| 3. Overhead - Overseas Field Staff | | 381.61 | 529 | 72.1 |
| 4. Home Office Salaries | | 2157.78 | 2850 | 75.7 |
| 5. Monthly Salary Adjustment | | | | |
| 6. Overhead - Home Office | | | | |
| 7. Fixed Fee | | 2178.82 | 2871 | 75.9 |
| 8. Subcontract Costs | | 1062.00 | 1062 | 100.0 |
| 9. Consultant Costs | | | | |
| 10. Travel & Per Diem | | | | |
| a) International Travel | | | | |
| b) International Per Diem | | | | |
| c) Domestic Travel | | | | |
| d) Domestic Per Diem | | | | |
| 11. Transportation Personal Baggage | | | | |
| 12. Transportation Household Effects | | | | |
| 13. Transportation Equipment | | | | |
| 14. Equipment | | | | |
| Equipment - Project | | | | |
| 15. Other Direct Costs | | | | |
| a) Out of Pocket Expenses | | 169.60 | 30 | 565.3 |
| b) Miscellaneous | | 1553.75 | 28 | 5549.1 |
| 16. Field Staff Allowances | | | | |
| TOTAL | | 7954.37 | 8000 | 99.4 |

General Authority for Supply Commodities
 Ministry of Supply
 Arab Republic of Egypt

Project 8152

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BUDGET ANALYSIS

EXHIBIT XIII

U.S. DOLLAR COSTS INCURRED THRU JULY 1983

DESIGN OF GRAIN & TOF STORAGE FACILITIES

PORTABLE CONVEYORS

CONTRACT MONTH NO. _____

| ITEM | <u>JULY</u> | COSTS TO DATE | CONTRACT BUDGET | PERCENTAGE USED |
|---------------------------------------|-------------|------------------|--------------------|--------------------|
| 1. Overseas Salaries at U.S. Base Pay | | 767.30 | 1050 | 73.1 |
| 2. Overseas Differential | | 153.46 | 210 | 73.1 |
| 3. Overhead - Overseas Field Staff | | 779.85 | 1058 | 73.7 |
| 4. Home Office Salaries | | 3337.97 | 6600 | 50.6 |
| 5. Monthly Salary Adjustment | | | | |
| 6. Overhead - Home Office | | 3258.31 | 6648 | 49.0 |
| 7. Fixed Fee | | 2550.00 | 2550 | 100.0 |
| 8. Subcontract Costs | | | | |
| 9. Consultant Costs | | | | |
| 10. Travel & Per Diem | | | | |
| a) International Travel | | | 400 | |
| b) International Per Diem | | | 200 | |
| c) Domestic Travel | | | | |
| d) Domestic Per Diem | | | | |
| 11. Transportation Personal Baggage | | | | |
| 12. Transportation Household Effects | | | | |
| 13. Transportation Equipment | | | | |
| 14. Equipment | | | | |
| Equipment - Project | | | | |
| 15. Other Direct Costs | | | | |
| a) Out of Pocket Expenses | | 1095.52 | 189 | 579.6 |
| b) Miscellaneous | | 986.75 | 95 | 1038.7 |
| 16. Field Staff Allowances | | | | |
| TOTAL | | 12929.16 | 19000 | 68.1 |

General Authority for Supply Commodities
Ministry of Supply
Arab Republic of Egypt

Project 8152

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BUDGET ANALYSIS

EXHIBIT XIII

U.S. DOLLAR COSTS INCURRED THRU JULY 1983

DESIGN OF GRAIN & TOF STORAGE FACILITIES

QUAY 81/82

CONTRACT MONTH NO. _____

| ITEM | <u>JULY</u> | COSTS TO DATE | CONTRACT BUDGET | PERCENTAGE USED |
|---------------------------------------|-------------|------------------|--------------------|--------------------|
| 1. Overseas Salaries at U.S. Base Pay | | 161010.80 | 162217 | 99.3 |
| 2. Overseas Differential | | 32202.17 | 32443 | 99.3 |
| 3. Overhead - Overseas Field Staff | | 162411.54 | 162627 | 99.9 |
| 4. Home Office Salaries | 161.65 | 246126.08 | 250885 | 98.1 |
| 5. Monthly Salary Adjustment | | | | |
| 6. Overhead - Home Office | 163.43 | 250600.05 | 252512 | 99.2 |
| 7. Fixed Fee | | 156412.00 | 156412 | 100.0 |
| 8. Subcontract Costs | | 34555.00 | 41922 | 82.4 |
| 9. Consultant Costs | | | | |
| 10. Travel & Per Diem | | | | |
| a) International Travel | | 28675.30 | 19500 | 147.1 |
| b) International Per Diem | | 1660.00 | 1820 | 91.2 |
| c) Domestic Travel | | 548.36 | 1400 | 39.2 |
| d) Domestic Per Diem | | 70.00 | 700 | 10.0 |
| 11. Transportation Personal Baggage | | 2248.70 | 4440 | 50.7 |
| 12. Transportation Household Effects | 1940.09 | 23887.88 | 46000 | 51.9 |
| 13. Transportation Equipment | | 1965.17 | 5500 | 35.7 |
| 14. Equipment | | 10960.47 | 11500 | 95.3 |
| Equipment - Project | | | 5000 | |
| 15. Other Direct Costs | | | | |
| a) Out of Pocket Expenses | | 12940.50 | 5500 | 235.3 |
| b) Miscellaneous | | 11219.16 | 15880 | 70.7 |
| 16. Field Staff Allowances | | 8850.00 | 7800 | 113.5 |
| TOTAL | 2265.17 | 1146343.18 | 1184058 | 96.8 |

General Authority for Supply Commodities
Ministry of Supply
Arab Republic of Egypt

Project 8152

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BUDGET ANALYSISEXHIBIT XIIIU.S. DOLLAR COSTS INCURRED THRU JULY 1983DESIGN OF GRAIN & TOF STORAGE FACILITITESSAFAGA SILOS COMPLEX

CONTRACT MONTH NO. _____

| ITEM | <u>JULY</u> | COSTS TO DATE | CONTRACT BUDGET | PERCENTAGE USED |
|---------------------------------------|-------------|------------------|--------------------|--------------------|
| 1. Overseas Salaries at U.S. Base Pay | | 221976.21 | 233540 | 95.1 |
| 2. Overseas Differential | | 44395.24 | 52083 | 85.2 |
| 3. Overhead - Overseas Field Staff | | 223071.41 | 235210 | 94.9 |
| 4. Home Office Salaries | | 853572.96 | 856290 | 99.7 |
| 5. Monthly Salary Adjustment | | | | |
| 6. Overhead - Home Office | | 847099.87 | 860049 | 98.5 |
| 7. Fixed Fee | | 416650.00 | 416650 | 100.0 |
| 8. Subcontract Costs | | 65835.31 | 58980 | 111.6 |
| 9. Consultant Costs | | 2808.94 | 2679 | |
| 10. Travel & Per Diem | | | | |
| a) International Travel | | 86863.07 | 66200 | 104.9 |
| b) International Per Diem | | 4547.50 | 6280 | 72.4 |
| c) Domestic Travel | | 2096.01 | 9200 | 22.8 |
| d) Domestic Per Diem | | 821.50 | 8200 | 10.0 |
| 11. Transportation Personal Baggage | | 2782.15 | 4000 | 69.6 |
| 12. Transportation Household Effects | | 30272.15 | 30000 | 100.9 |
| 13. Transportation Equipment | | 13742.83 | 78000 | 17.6 |
| 14. Equipment | | 11978.87 | 61200 | 19.6 |
| Equipment - Project | | | | |
| 15. Other Direct Costs | | | | |
| a) Out of Pocket Expenses | | 24370.70 | 30860 | 78.9 |
| b) Miscellaneous | | 106914.01 | 66000 | 161.9 |
| 16. Field Staff Allowances | | 22033.75 | 13000 | 169.5 |
| TOTAL | | 2981832.48 | 3088421 | 96.6 |

General Authority for Supply Commodities
 Ministry of Supply
 Arab Republic of Egypt

Project 8152

BUDGET ANALYSIS

EXHIBIT XIII

U.S. DOLLAR COSTS INCURRED THRU JULY 1983

DESIGN OF GRAIN & TOF STORAGE FACILITIES

CONTRACT MONTH NO. _____

TOF FACILITY

| ITEM | <u>JULY</u> | COSTS TO DATE | CONTRACT BUDGET | PERCENTAGE USED |
|---------------------------------------|-------------|------------------|--------------------|--------------------|
| 1. Overseas Salaries at U.S. Base Pay | 6215.38 | 89659.78 | 118850 | 75.4 |
| 2. Overseas Differential | 1243.08 | 17931.95 | 23770 | 75.4 |
| 3. Overhead - Overseas Field Staff | 6283.75 | 90616.58 | 119490 | 75.8 |
| 4. Home Office Salaries | 2361.44 | 311353.51 | 323165 | 96.3 |
| 5. Monthly Salary Adjustment | | | | |
| 6. Overhead - Home Office | 2387.42 | 314274.78 | 324658 | 96.8 |
| 7. Fixed Fee | 6177.71 | 123523.84 | 142057 | 86.9 |
| 8. Subcontract Costs | | 34739.40 | 34740 | 100.0 |
| 9. Consultant Costs | | | | |
| 10. Travel & Per Diem | | | | |
| a) International Travel | | 28205.65 | 31500 | 89.5 |
| b) International Per Diem | | 1059.50 | 2940 | 36.0 |
| c) Domestic Travel | | 1760.98 | 1400 | 125.8 |
| d) Domestic Per Diem | | 1226.17 | 1000 | 122.6 |
| 11. Transportation Personal Baggage | | 1332.88 | 2600 | 51.3 |
| 12. Transportation Household Effects | | 276.50 | 16000 | 1.7 |
| 13. Transportation Equipment | | 721.25 | 5000 | 14.4 |
| 14. Equipment | | 1915.40 | | |
| Equipment - Project | | | | |
| 15. Other Direct Costs | | | | |
| a) Out of Pocket Expenses | 815.35 | 15422.64 | 15100 | 102.1 |
| b) Miscellaneous | 175.08 | 23048.49 | 23438 | 98.3 |
| 16. Field Staff Allowances | | | 2600 | |
| TOTAL | 25659.21 | 1057069.30 | 1188308 | 88.9 |

General Authority for Supply Commodities
Ministry of Supply
Arab Republic of Egypt

Project 8152

BUDGET ANALYSIS
EGYPTIAN POUND COSTS INCURRED THRU JULY 1983
DESIGN OF GRAIN & TOF STORAGE FACILITIES

CONTRACT MONTH NO.

| ITEMS | JULY | COSTS TO DATE | CONTRACT BUDGET | PERCENT/ USED |
|-------------------------------------|-----------|------------------|--------------------|------------------|
| 1. Subcontract Costs | | | | |
| Arab Consulting Engineers | 11354.700 | 348169.668 | 381205 | 91.3 |
| Tech. Indust. Consult. Office | 4460.125 | 87224.719 | 228730 | |
| M. A. Sinbel | 4309.875 | 87309.361 | 97120 | |
| Mueser, Rut., Johnst. & Desimone | | 60379.010 | 60584 | 99.6 |
| 2. Consulting Costs | | | | |
| 3. Travel & Per Diem | | | | |
| c) Local Travel | | 12530.555 | 2040 | 614.2 |
| c) Per Diem Personnel | | 48413.950 | 41145 | 117.7 |
| 4. Transportation Household Effects | | 3086.850 | 12000 | 25.7 |
| 5. Transportation Equipment | | 170.000 | 11800 | 1.4 |
| 6. Equipment | | 37043.428 | 51670 | 71.7 |
| 7. Other Direct Costs | | | | |
| a) Out of Pocket Expenses | | 109600.417 | 60460 | 181.3 |
| b) Miscellaneous | | 109254.380 | 77145 | 141.6 |
| 8. Field Staff Allowance | 1400.000 | 134092.869 | 165813 | 80.9 |
| TOTAL | 21524.700 | 1166256.871 | 1189712 | 98.0 |

General Authority for Supply Commodities
 Ministry of Supply
 Arab Republic of Egypt

Project 8152

BUDGET ANALYSISEGYPTIAN POUND COSTS INCURRED THRU JULY 1983DESIGN OF GRAIN & TOP STORAGE FACILITIESLAB EQUIPMENT

CONTRACT MONTH NO.

| ITEMS | JULY | COSTS TO DATE | CONTRACT BUDGET | PERCENT/ USED |
|-------------------------------------|------|------------------|--------------------|------------------|
| 1. Subcontract Costs | | | | |
| Arab Consulting Engineers | | | | |
| Tech. Indust. Consult. Office | | | | |
| M. A. Sinbel | | | | |
| Mueser, Rut., Johnst. & Desimone | | | | |
| 2. Consulting Costs | | | | |
| 3. Travel & Per Diem | | | | |
| c) Local Travel | | | | |
| c) Per Diem Personnel | | | | |
| 4. Transportation Household Effects | | | | |
| 5. Transportation Equipment | | | | |
| 6. Equipment | | | | |
| 7. Other Direct Costs | | | | |
| a) Out of Pocket Expenses | | 50.000 | 50.000 | 100.0 |
| b) Miscellaneous | | | | |
| 8. Field Staff Allowance | | 350.000 | 350.000 | 100.0 |
| TOTAL | | 400.000 | 400.000 | 100.0 |

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Project 8152

BUDGET ANALYSISEGYPTIAN POUND COSTS INCURRED THRU JULY 1983DESIGN OF GRAIN & TOF STORAGE FACILITIESPORTABLE CONVEYORS

CONTRACT MONTH NO.

| ITEMS | | COSTS TO DATE | CONTRACT BUDGET | PERCENTAGE USED |
|--|--|------------------|--------------------|--------------------|
| 1. Subcontract Costs | | | | |
| Arab Consulting Engineers Tech. Indust. Consult. Office M. A. Sinbel Mueser, Rut., Johnst. & Desimone | | | | |
| 2. Consulting Costs | | | | |
| 3. Travel & Per Diem | | | | |
| c) Local Travel | | | | |
| c) Per Diem Personnel | | | | |
| 4. Transportation Household Effects | | | | |
| 5. Transportation Equipment | | | | |
| 6. Equipment | | | | |
| 7. Other Direct Costs | | | | |
| a) Out of Pocket Expenses | | 100.000 | 100.000 | 100.0 |
| b) Miscellaneous | | | | |
| 8. Field Staff Allowance | | 350.000 | 350.000 | 100.0 |
| TOTAL | | 450.000 | 450.000 | 100.0 |

General Authority for Supply Commodities
 Ministry of Supply
 Arab Republic of Egypt

Project 8152

BUDGET ANALYSISEGYPTIAN POUND COSTS INCURRED THRU JULY 1983DESIGN OF GRAIN & TOF STORAGE FACILITIESQUAY 81/82

CONTRACT MONTH NO.

| ITEMS | JULY | COSTS TO DATE | CONTRACT BUDGET | PERCENT/ USED |
|--|------|------------------|--------------------|------------------|
| 1. Subcontract Costs | | | | |
| Arab Consulting Engineers Tech. Indust. Consult. Office M. A. Sinbel | | 129915.664 | 129935 | 99.9 |
| Mueser, Rut., Johnst. & Desimone | | 13227.000 | 14562 | 90.8 |
| 2. Consulting Costs | | | | |
| 3. Travel & Per Diem | | | | |
| c) Local Travel | | 2051.040 | 240 | 854.6 |
| c) Per Diem Personnel | | 10081.029 | 3000 | 336.0 |
| 4. Transportation Household Effects | | 245.155 | 6000 | 4.1 |
| 5. Transportation Equipment | | 154.000 | 1000 | 15.4 |
| 6. Equipment | | 11583.320 | 18710 | 61.9 |
| 7. Other Direct Costs | | | | |
| a) Out of Pocket Expenses | | 22819.028 | 12310 | 185.4 |
| b) Miscellaneous | | 21971.184 | 22375 | 98.2 |
| 8. Field Staff Allowance | | 35659.680 | 42750 | 83.4 |
| TOTAL | | 247707.100 | 250882 | 98.7 |

General Authority for Supply Commodities
 Ministry of Supply
 Arab Republic of Egypt

Project 8152

BUDGET ANALYSISEGYPTIAN POUND COSTS INCURRED THRU JULY 1983DESIGN OF GRAIN & TOF STORAGE FACILITIESSAFAGA SILO

CONTRACT MONTH NO.

| ITEMS | JULY | COSTS TO DATE | CONTRACT BUDGET | PERCENTA USED |
|--|-----------|------------------|--------------------|------------------|
| 1. Subcontract Costs | | | | |
| Arab Consulting Engineers Tech. Indust. Consult. Office M. A. Sinbel | 11354.700 | 348169.668 | 381205 | 91.3 |
| Mueser, Rut., Johnst. & Desimone | | 34593.910 | 33510 | 103.2 |
| 2. Consulting Costs | | | | |
| 3. Travel & Per Diem | | | | |
| c) Local Travel | | 8970.890 | 1500 | 598.1 |
| c) Per Diem Personnel | | 27544.085 | 23700 | 116.2 |
| 4. Transportation Household Effects | | 2841.695 | 4000 | 71.0 |
| 5. Transportation Equipment | | 11.000 | 10000 | 1.1 |
| 6. Equipment | | 12924.178 | 32960 | 39.2 |
| 7. Other Direct Costs | | | | |
| a) Out of Pocket Expenses | | 64716.071 | 30160 | 214.6 |
| b) Miscellaneous | | 71700.596 | 42070 | 170.4 |
| 8. Field Staff Allowance | | 75663.319 | 87880 | 86.1 |
| TOTAL | 11354.700 | 647135.412 | 646985 | 100.0 |

General Authority for Supply Commodities
 Ministry of Supply
 Arab Republic of Egypt

Project 8152

BUDGET ANALYSIS
EGYPTIAN POUND COSTS INCURRED THRU JULY 1983
DESIGN OF GRAIN & TOF STORAGE FACILITIES

| ITEMS | <u>TOF FACILITY</u> | | CONTRACT MONTH NO. | |
|-------------------------------------|---------------------|---------------|--------------------|--------------|
| | JULY | COSTS TO DATE | CONTRACT BUDGET | PERCENT USED |
| 1. Subcontract Costs | | | | |
| Arab Consulting Engineers | | | | |
| Tech. Indust. Consult. Office | 4460.125 | 87224.719 | 98795 | 88.3 |
| M. A. Sinbel | | 87309.361 | 97120 | 89.9 |
| Mueser, Rut., Johnst. & Desimone | 4309.875 | 12558.100 | 12512 | 100.37 |
| 2. Consulting Costs | | | | |
| 3. Travel & Per Diem | | | | |
| c) Local Travel | | 1508.625 | 300 | 502.9 |
| c') Per Diem Personnel | | 10788.836 | 14445 | 74.7 |
| 4. Transportation Household Effects | | | 2000 | |
| 5. Transportation Equipment | | 5.000 | 800 | 0.6 |
| 6. Equipment | | 12535.930 | | |
| 7. Other Direct Costs | | | | |
| a) Out of Pocket Expenses | | 12915.318 | 14840 | 147.7 |
| b) Miscellaneous | | 15582.600 | 12700 | 122.7 |
| 8. Field Staff Allowance | 1400.000 | 21135.870 | 34483 | 61.3 |
| TOTAL | 10170.000 | 270564.359 | 290995 | 92.9 |

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 Arab Republic of Egypt

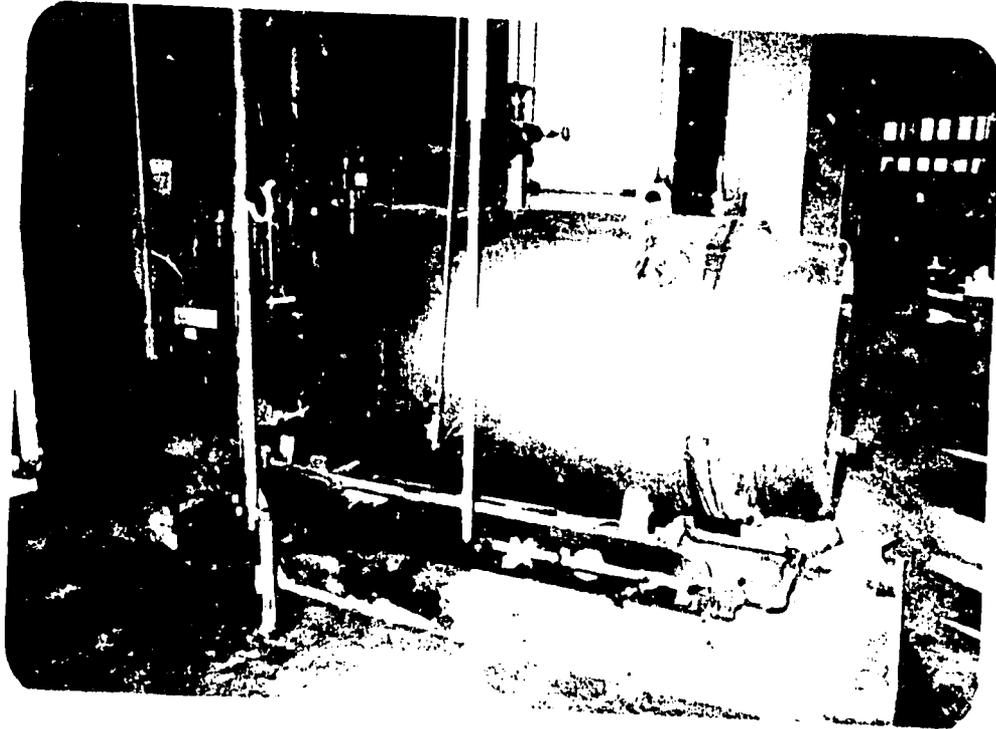
Project 8152

| ITEMS | MONTHLY TOTAL | COST TO DATE | CONTRACT BUDGET | PERCENT. USED | LAB EQUIP. | PORTABLE CONV. | QUAY 81/82 | SAFAGA SILO | TOP FACILITY |
|---|------------------|-----------------|--------------------|------------------|---------------|-------------------|---------------|----------------|-----------------|
| A. <u>Out of Pocket Expenses</u> | | | | | | | | | |
| Cables & Telex | | 22205.357 | 6300 | 352.5 | | | | | |
| Telephone | | 2915.591 | 2280 | 127.9 | | | | | |
| Postage | | 97.500 | 1960 | 5.0 | | | | | |
| Vehicle Operation | | 84476.469 | 45920 | 183.9 | | | | | |
| Newspaper Advertising | | | 4000 | | | | | | |
| TOTAL | - | 109694.917 | 60460 | 181.4 | - | - | - | - | - |
| B. <u>Miscellaneous</u> | | | | | | | | | |
| Office Supplies | | 18903.530 | 8280 | 228.3 | | | | | |
| Print Reports & Cont. Documents | | 5498.740 | 1600 | 343.7 | | | | | |
| Reproduction Allowance | | 13722.135 | 5525 | 248.4 | | | | | |
| Print Drawings | | 2968.130 | 2450 | 121.2 | | | | | |
| Freight on Cont. Documents | | 1.000 | 900 | 0.1 | | | | | |
| Office Rent | | 42000.000 | 33300 | 126.1 | | | | | |
| Utilities | | 1842.580 | 2640 | 69.8 | | | | | |
| Banking Charges | | 23.000 | 5600 | 0.4 | | | | | |
| Insurance & Clearance | | 19200.570 | 11700 | 164.1 | | | | | |
| Vehicle Licensing | | 2123.765 | 5150 | 41.2 | | | | | |
| Others | | 2970.930 | - | - | | | | | |
| TOTAL | - | 102254.380 | 77145 | 141.6 | - | - | - | - | - |

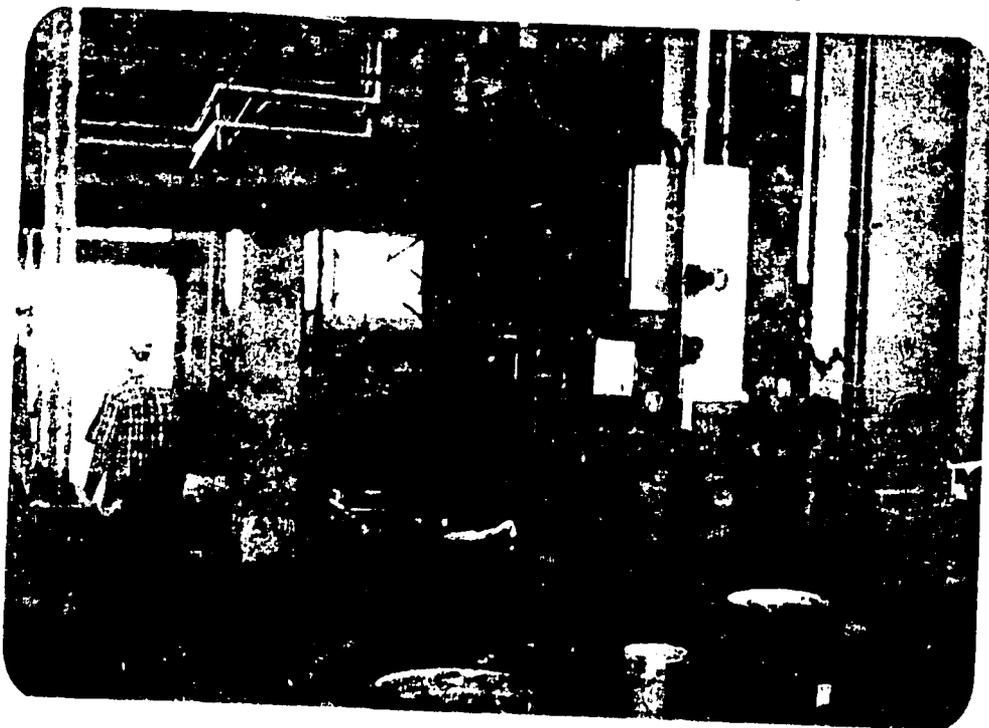
D. PHOTOGRAPHS

D-1

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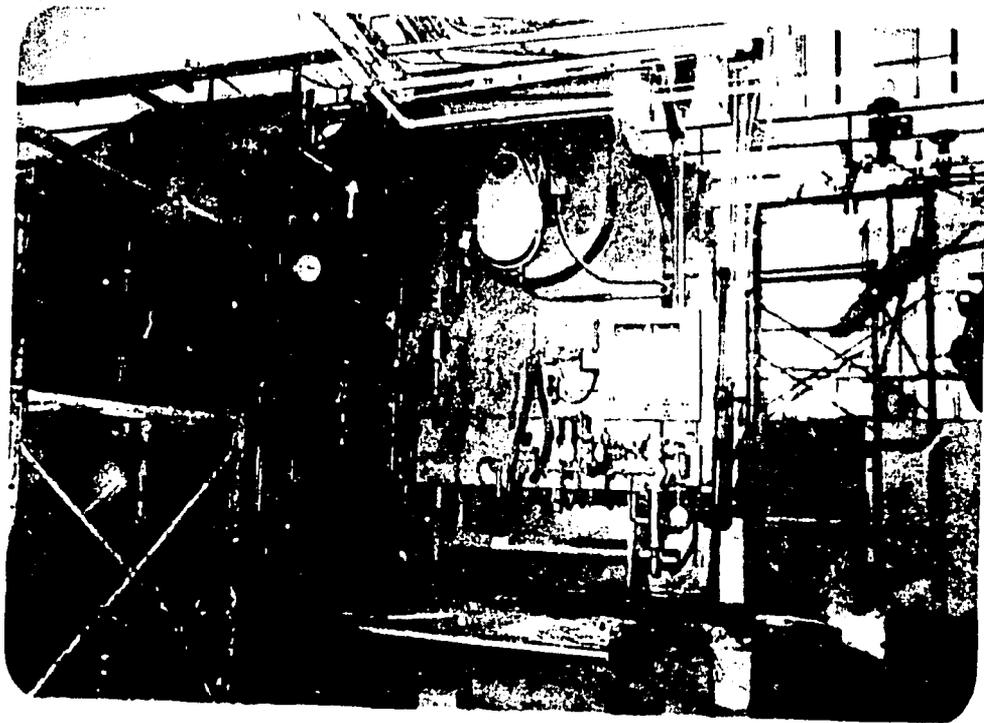


Photograph shows the auxiliary fire tube boiler at the TOF Terminal Facility in Alexandria.

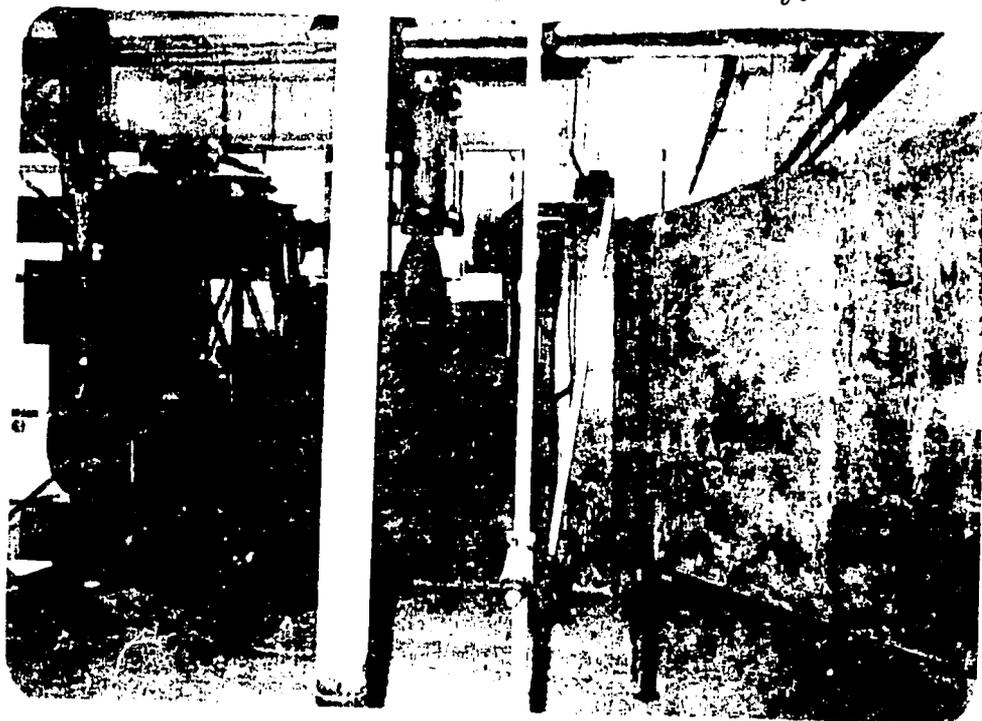


TOF Terminal Facility water tube boiler. The manufacturer's service engineers arrived on site the latter part of July to complete installation and check out of the boiler.

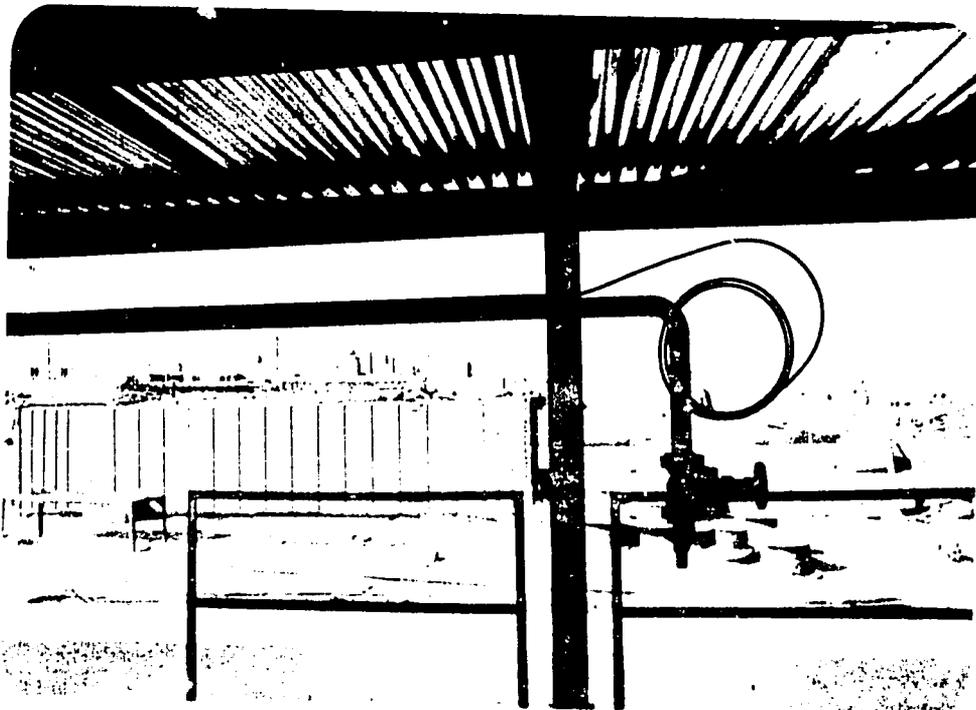
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TOF Terminal Facility water tube boiler. Installation of the piping and initial operation of the water tube boiler was completed during the month of July.



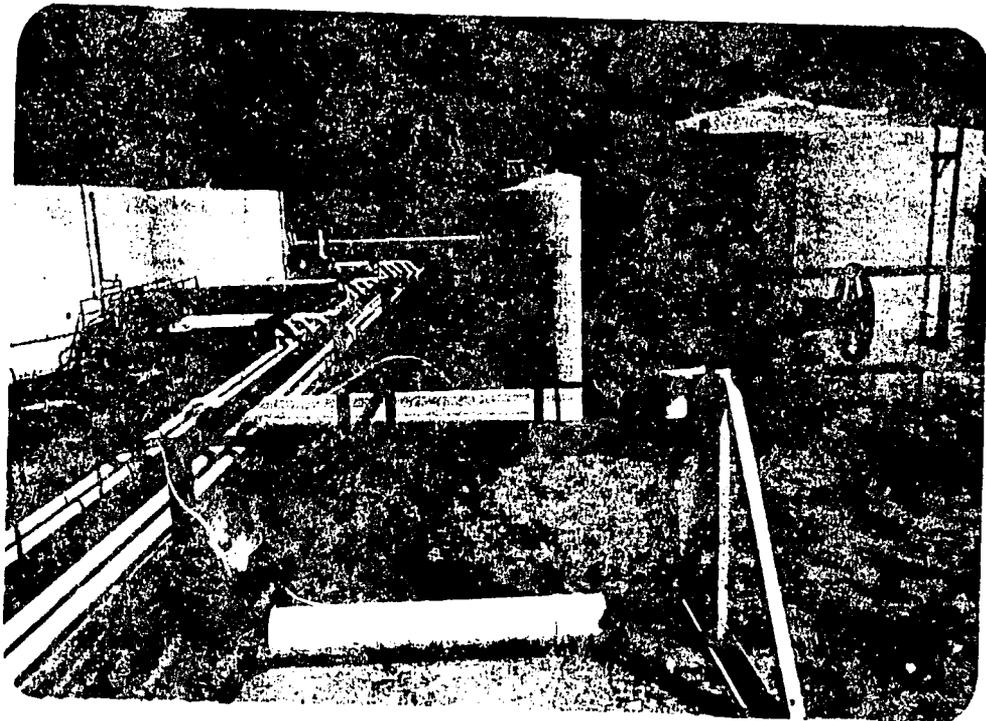
Photograph shows the emergency diesel engine generator with the exhaust duct manifold installed from the generator to the outside of the building. Checkout of the diesel engine generator was performed between the 20th and the 26th of July, 1983.



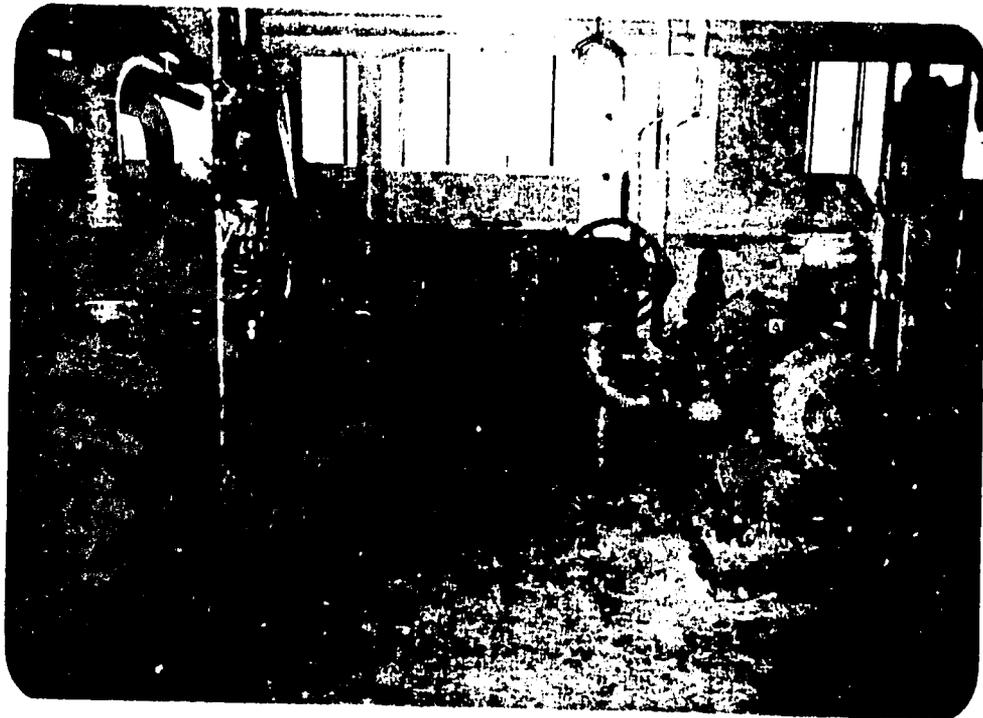
Photograph shows the drum loading nozzle installed at the drum loading dock. Installation of the heat tracing for the drum loading line has begun.



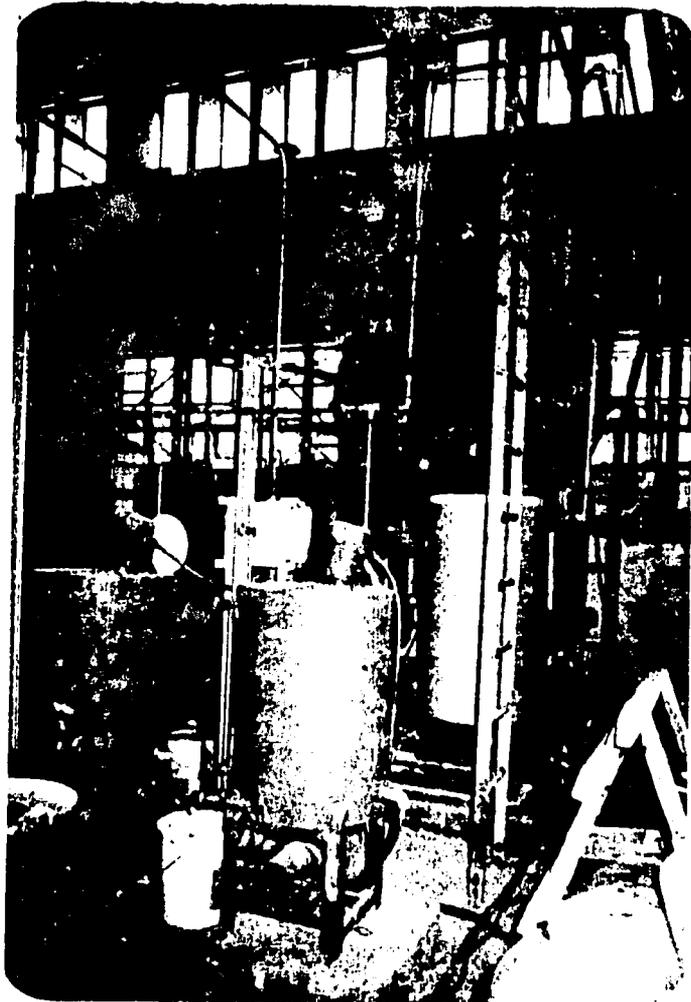
Photograph shows the fire hydrant and fire hose cabinet installed on the drum loading dock.



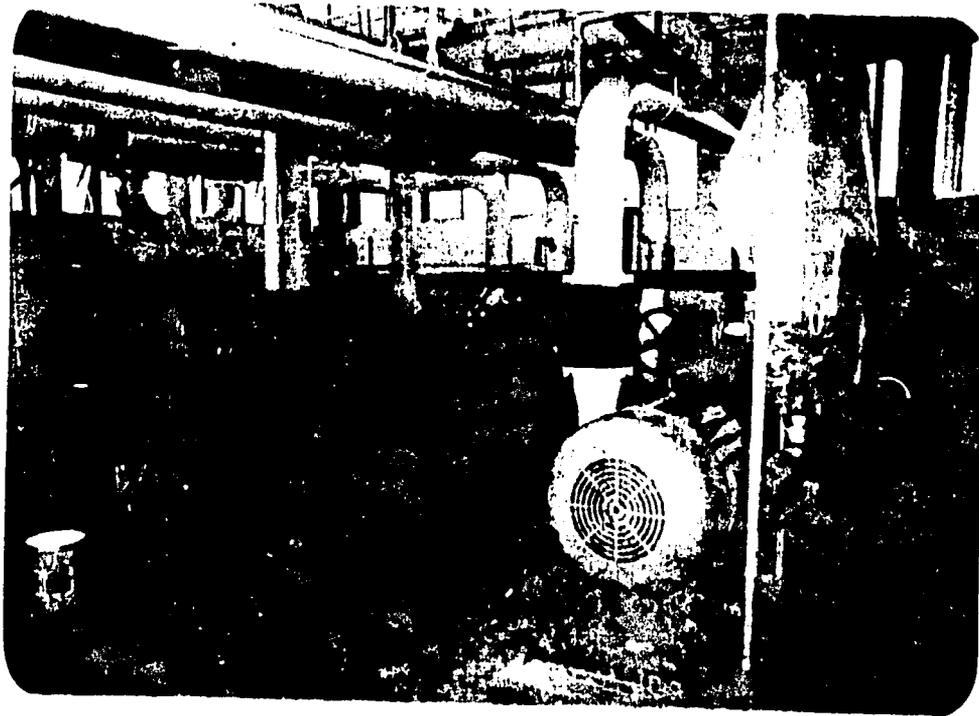
Photograph shows installation of one of the TOF Terminal fire monitors located on the substation roof.



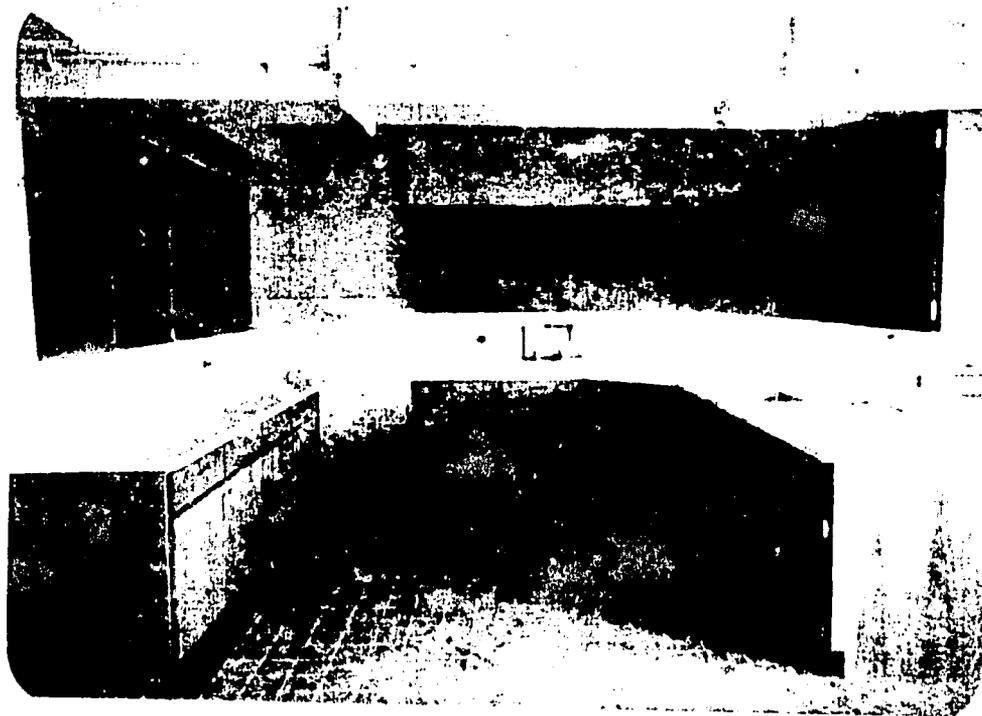
TOF Terminal operations building showing the current status of installation of piping and valves to the various tallow and oil transfer pumps.



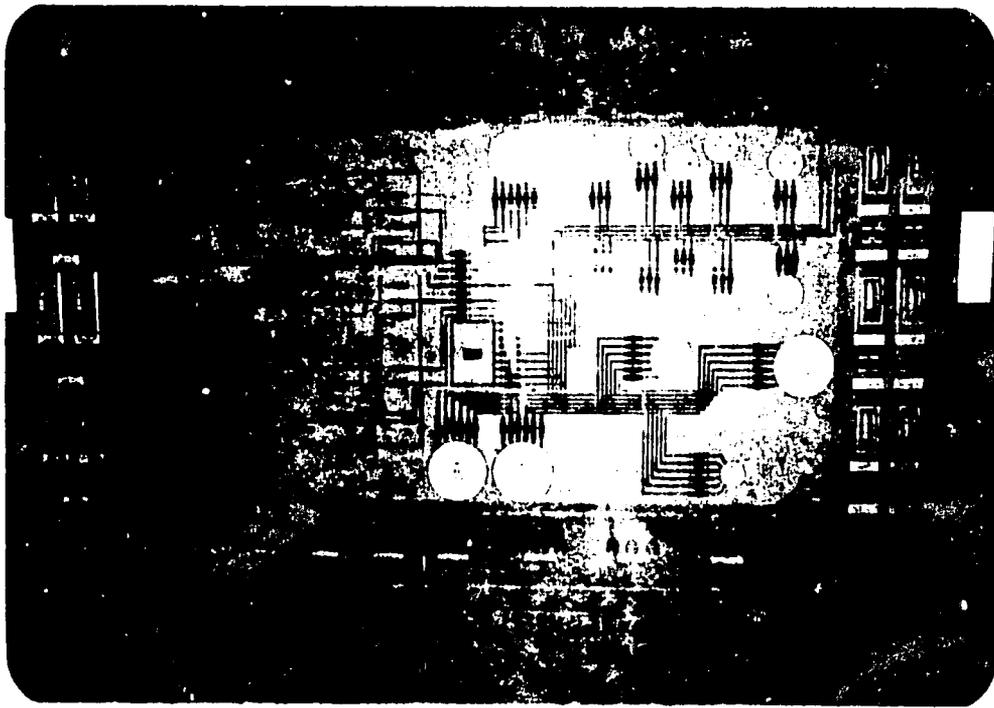
Photograph shows the deareator, the water softener and the chemical treatment equipment provided for the boiler.



TOF Terminal operations building showing the stand by diesel engine driven pump and installation of piping on the ground floor of the operations building.

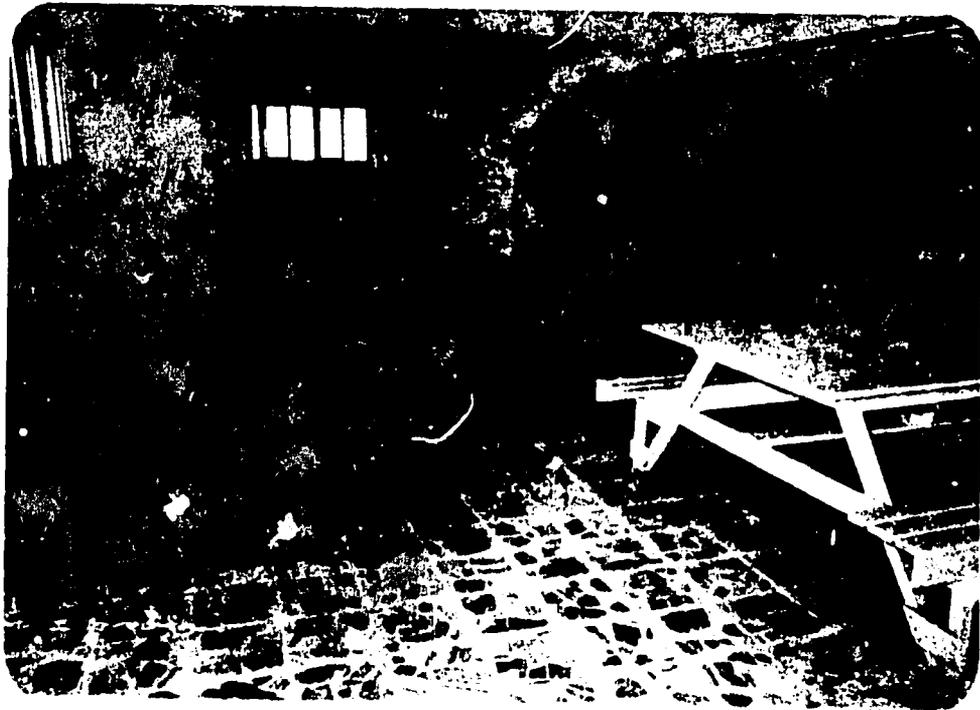


Photograph shows the cabinets installed in the laboratory facility as part of the operations building.



Photograph shows the graphics control panel installed in the control room of the TOF Terminal operations building.

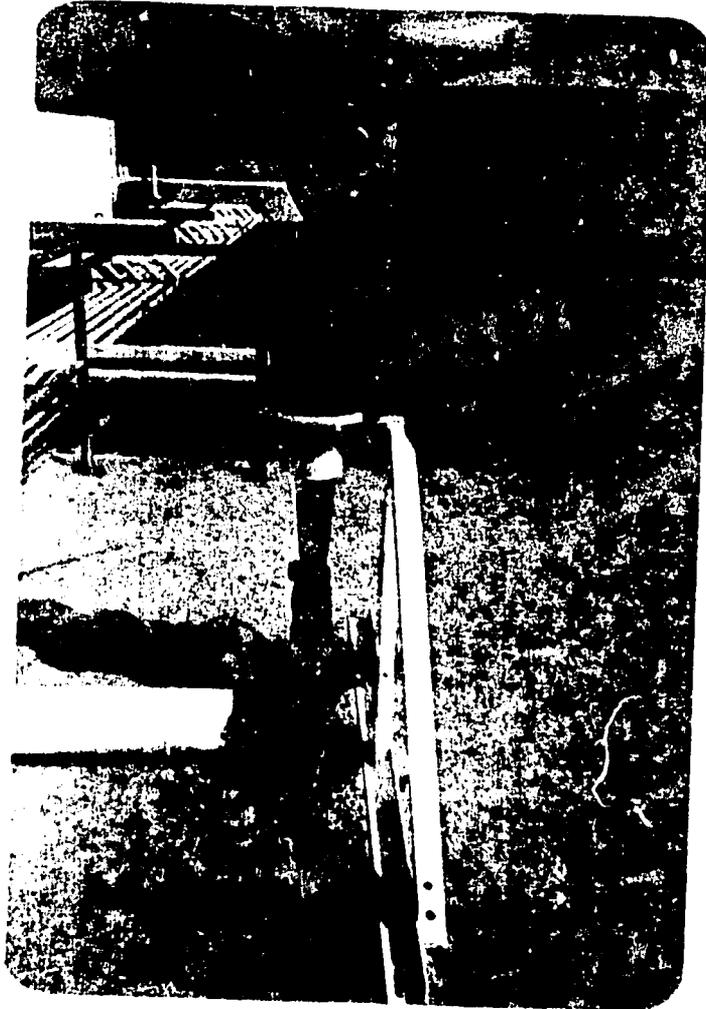
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Photograph shows the TCF Terminal operations building control room. The finish work for the operations building and the motor control center room was completed in order to provide a classroom area for operated training.



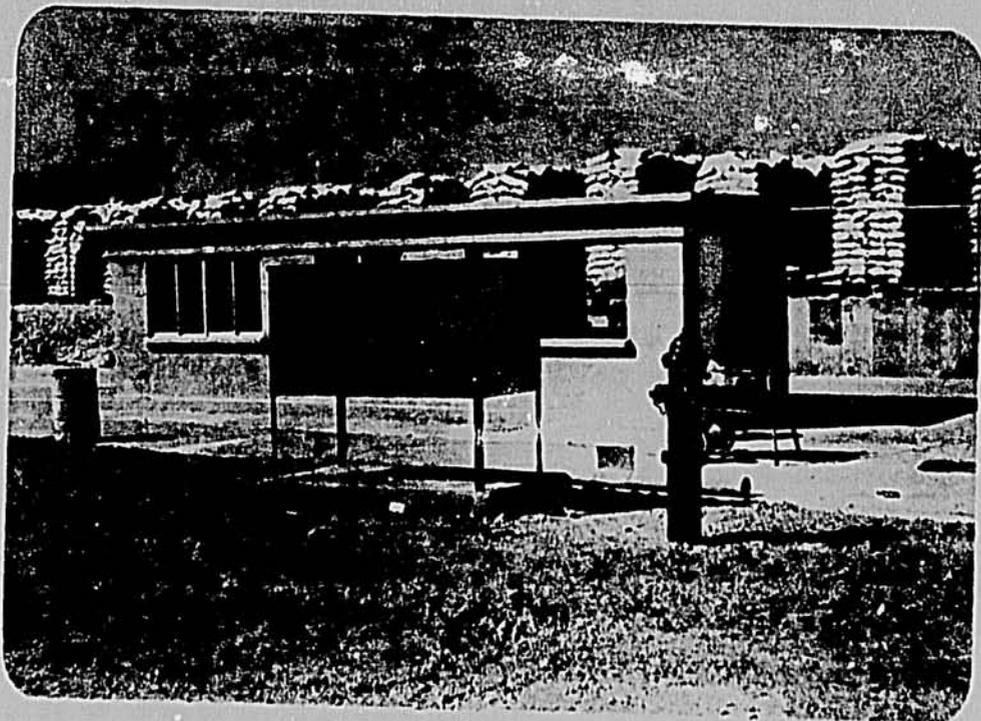
Photograph shows the flooring in the operations building ,
and the finish work for the walls and ceiling.



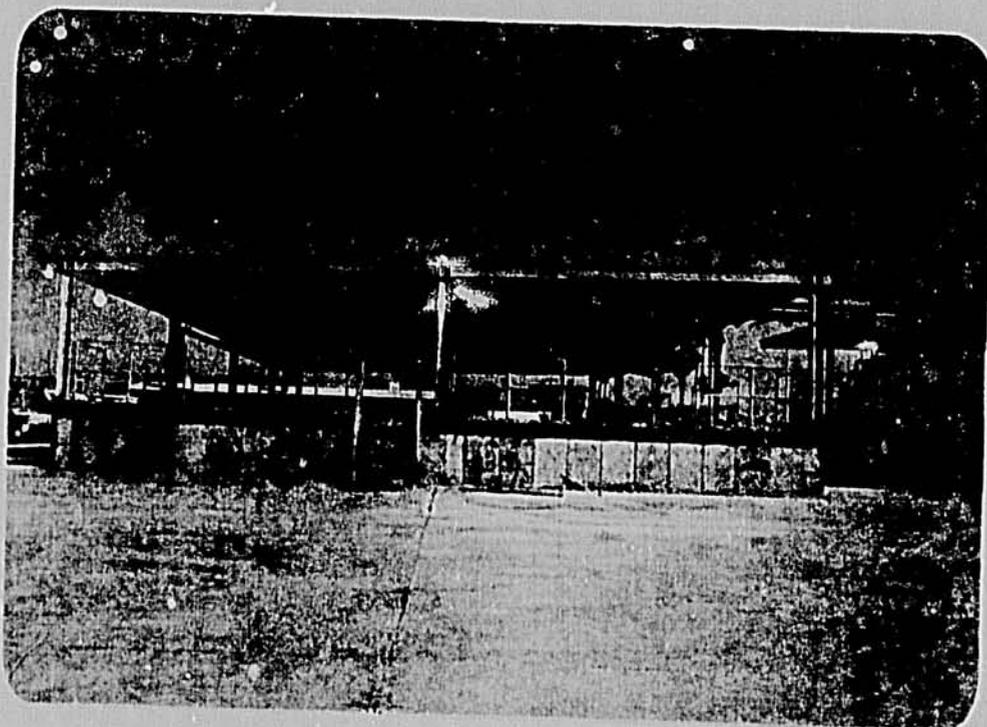
Close-up showing the fire monitors installed on the substation roof.



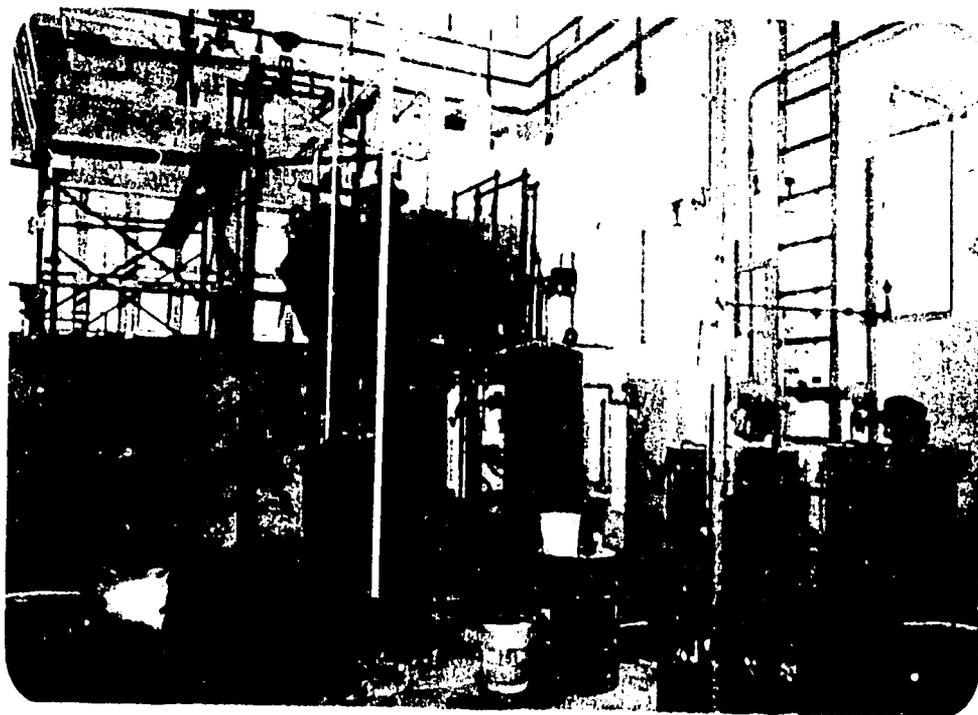
The flow meters for the truck loading stations were installed during the month of July.



Photograph shows the fire hydrant and fire hose cabinet installed on the east side of the truck weigh scale.



General view showing the drum loading dock, the roofing for the drum loading dock was installed during the month of July.

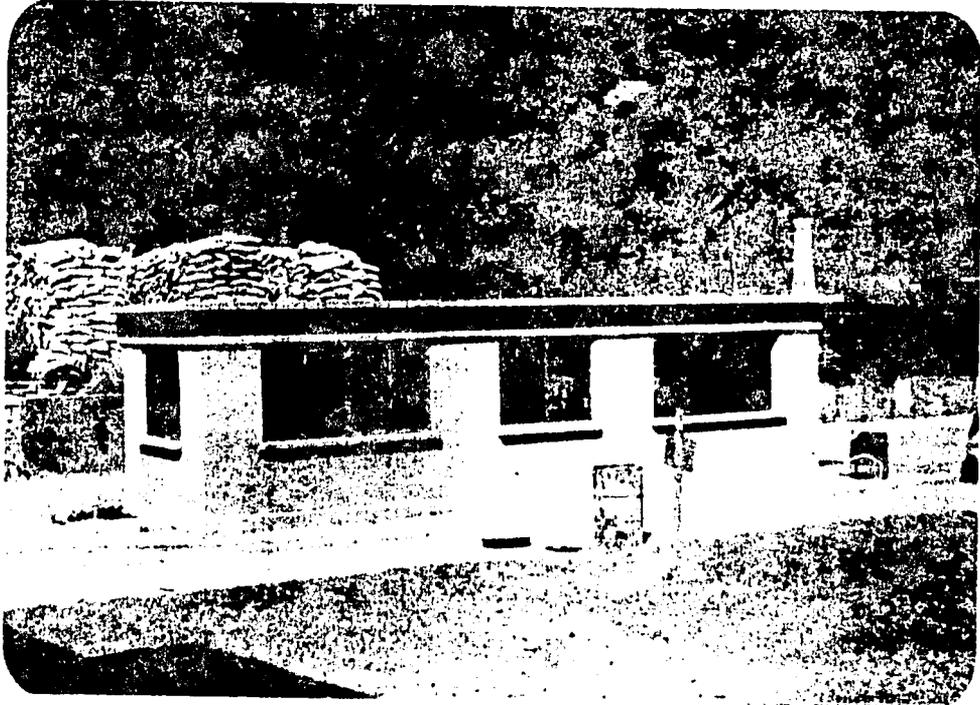


TOF Terminal Facility Water Treatment Equipment for the boilers.

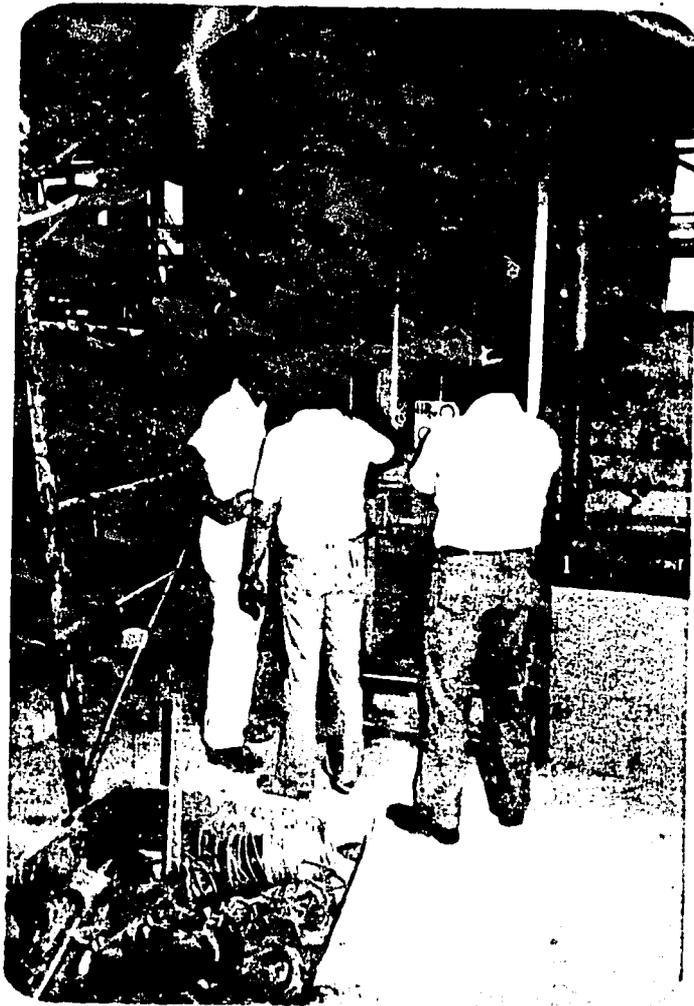
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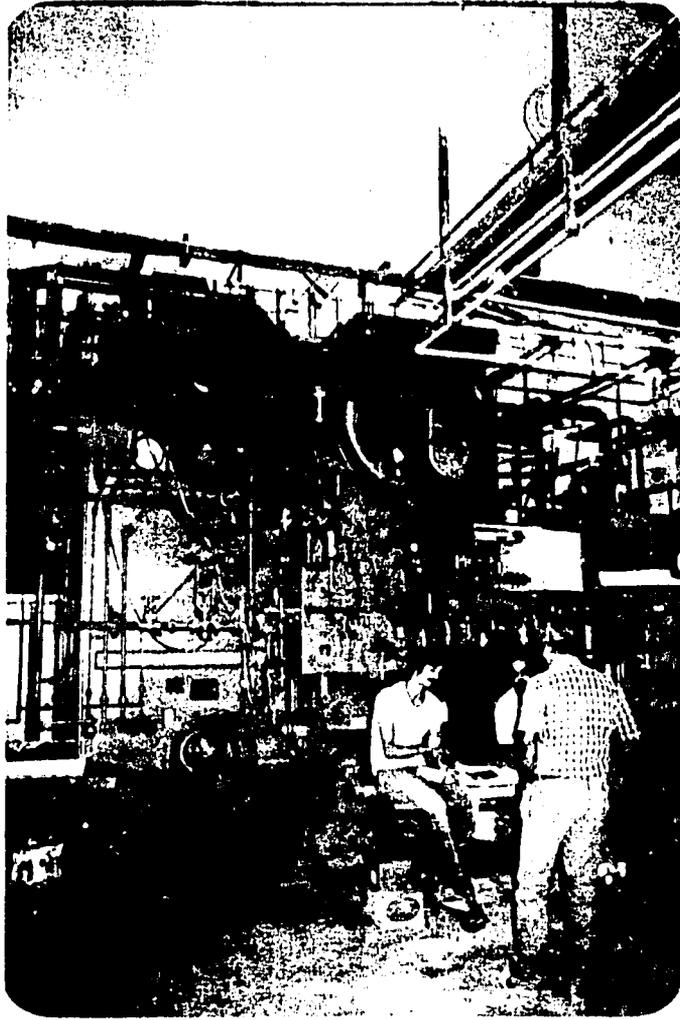
Photograph shows the general overall status of the drum loading dock. the piping leading to the drum loading dock area can be seen as installed to the right of the photograph.



TOF Terminal facility truck weigh scale building.

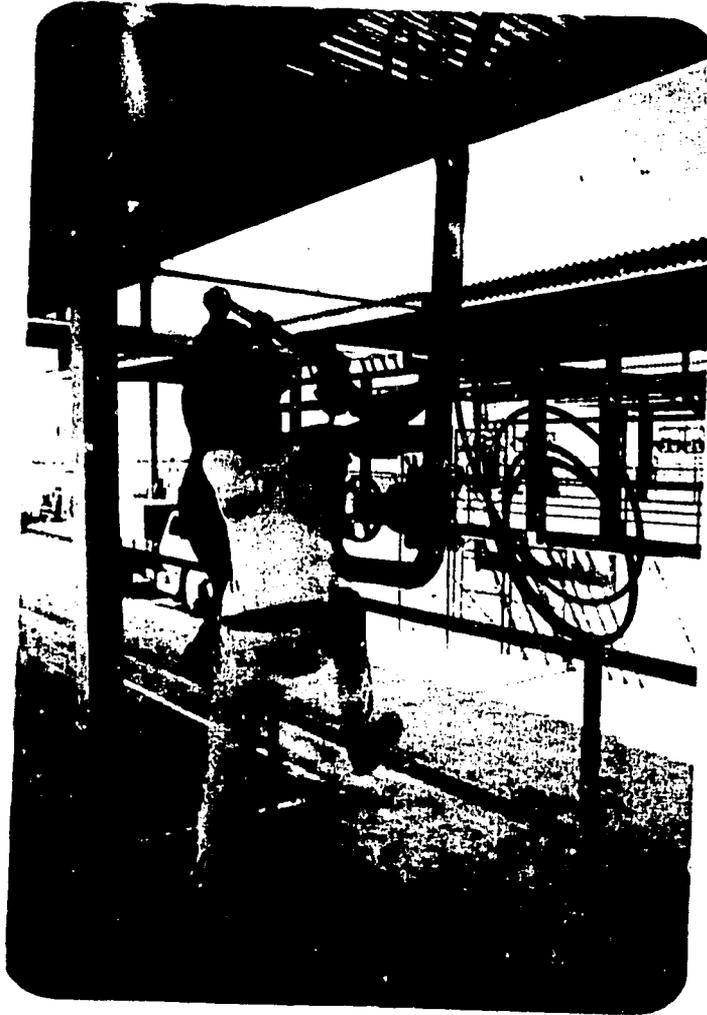


Service engineers can be shown checking out the watertube boiler and the auxiliary equipment.



Photograph shows the water tube boiler front indicating the current status of construction, the Baily Meter service representative arrived on site during the month of August to complete calibration and checkout of the various boiler control instruments.

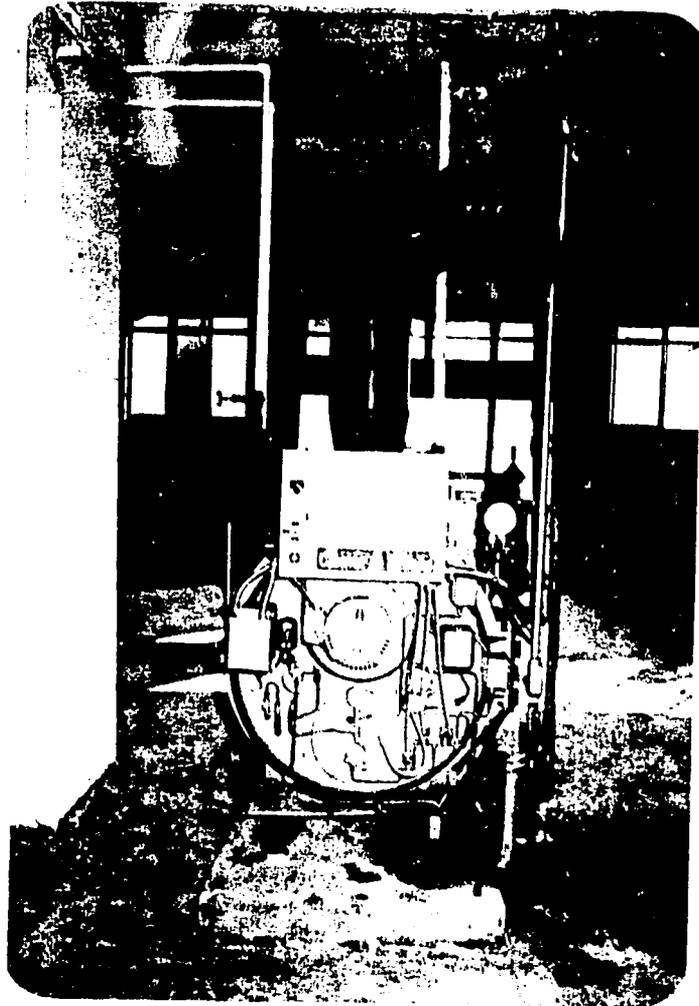
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Workers can be seen installing the truck loading nozzle on one of the truck loading docks. Work crews proceeded with installation of the heat tracing during the month.

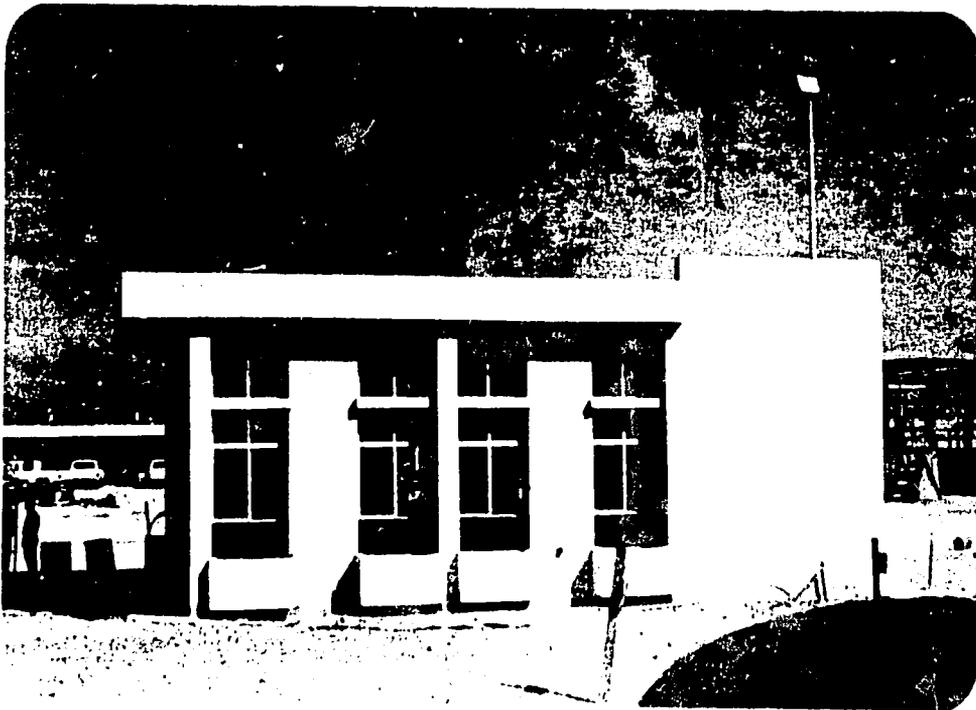
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July.



Auxiliary fire tube boiler installed at the TCF Terminal Facility in Alexandria. The auxiliary boiler was started up and checked out during the latter part of July 1983.

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General view of the truckers welfare building showing the current status of construction.