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ANNUAL REPORT

For

PROCUREMENT SERVICES

For

THE RAHAD IRRIGATION PROJECT

Presented To

THE NATIONAL PLANNING COMMISSION
DEMOCRATIC REPUBLIC OF SUDAN
KHARTOUM, SUDAN

Louis Berger International, Inc.
100 Halsted Street
East Orange, New Jersey 07019

01/01/75

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ANNUAL REPORT FOR
PROCUREMENT SERVICES

A.I.D. LOAN NO. 650-H-017

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Chapter I - Introduction

01/01/75

CHAPTER I

INTRODUCTION

The purpose of this annual report is to summarize the scope and results of the procurement services to the Democratic Republic of Sudan performed by Louis Berger International, Inc. during the calendar year 1974 for the Rahad Project.

By contract dated 4th of October 1973 the Democratic Republic of Sudan through the National Planning Commission entered into a contract with the Louis Berger International, Inc. of 100 Halsted Street, East Orange, New Jersey, covering the services for procurement to be provided to the Government of Sudan.

The Democratic Republic of Sudan received financial support for that portion of the Rahad Project being financed by the United States Agency for International Development (AID).

In summary, the project consists of AID financed procurement of equipment to support the development of about 300,000 acres of land for irrigated agriculture on the East Bank of the Rahad River near the Blue Nile and about 40 km East of the Town of Wad Medani.

Louis Berger International, Inc. was required and directed by the Democratic Republic of Sudan to arrange for procurement of equipment and machinery in the estimated amount of 10.5 million dollars to be used in the excavation of canals, construction of field distribution channels, general land leveling and of groundnut (peanut) harvesting machinery and work shop equipment.

The equipment to be procured for the project falls into two general categories.

a. Procurement of heavy equipment that will be used by the mechanical irrigation department of the Democratic Republic of Sudan to construct main irrigation canals and smaller canals.

b. The second is agriculture equipment and construction equipment required to clear and level the land, supporting vehicles for supplies and technical services, agricultural maintenance vehicles and groundnut harvesting and processing equipment. Certain portions of this phase such as support equipment, etc. is also to be used by the mechanical irrigation department.

The program of consulting services covered three phases consisting of: a. Initial Development, b. Procurement, c. Equipment Delivery and Start-up Services.

Chapter II - Initial Development

CHAPTER II

INITIAL DEVELOPMENT

Prior to mobilizing in Khartoum, Sudan for the initial development portion of the contract, the Consultant obtained the following information and data as specified in the Appendix A to the basic contract for use and discussions with the participating agencies involved:

a. Using the initial eligible items equipment list, the estimated equipment costs and earliest delivery schedules were obtained from all manufacturers.

b. The latest brochures and equipment literature was obtained from the same manufacturers.

c. Shipping schedules for eligible carriers for delivery from the continental United States to Port Sudan, Sudan together with cost estimates for shipping were prepared.

Louis Berger International, Inc. personnel arrived late December 1973 and early January 1974 to commence work. Discussions were held with all participating agencies involved in the Rahad Project located in Khartoum, Sudan. The purpose of these discussions was to obtain from all those familiar the planning aspects of the Rahad Project, knowledge obtained over the years, items which would be useful for the finalization of equipment selection.

These discussions provided a better understanding of the Rahad Project, for the determination of equipment requirements which obviously would be different from those provided in the original concept.

Inventory of existing construction and transport equipment of government units affiliated with the Rahad Corporation were surveyed by Louis Berger International, Inc. personnel to locate possible excess equipment suitable for use. This initiative was taken by the Consultant in an effort to expedite the construction work due to the overall concensus by the US manufacturers of long lead time and delivery of equipment.

The inventory revealed that the mechanical division of Irrigation would be able to mobilize a few pieces of equipment if spare parts were made available. This initiated a proposal from REDSO, Nairobi representative to open a $50,000.00 Letter of Credit for spare parts with Caterpillar Co. in Belgium. The Letter of Credit will allow the bonded spare parts warehouse in Belgium to air freight spare parts to Khartoum.

To prepare the desired equipment list, discussions were held with using agencies to determine their equipment requirements. The on-site construction site tour also provided the Consultant a first hand knowledge of the terrain, operating conditions, logistical problems and maintenance capability in the field.

Using as a base the broad spectrum of equipment designated as the "eligible equipment list" the Consultant developed the desired types of equipment. The desired type of equipment requirements for the Rahad Project is as follows:

Group	Item	Quantity	Description
1		5	HD41 Tractors
2		8	Wheel Tractor Scrapers
3		27	Tractors with Attachments
4		14	Motor Graders
5	1	2	60 Ton Truck Tractor
	2	2	60 Ton Low Bed Trailer
	3	10	9 Ton Dump Truck
6		4	Mobile Workshops
7		2	8 Ton Telescopic Crane
8		30	Concrete Mixers
9		1	Front End Loader with Backhoe
10		96	4 x 4 Pickup Trucks
11		2	Truck with 44 Passenger Bus Body
12		16	Truck Chassis
13	1-11	Lot	Trucks with Diesel Engines 4 x 4
14		8	Land Planes
15		6	Hinge Type Offset Disc Harrow Towed Type
16		20	Offset Disc Harrow Towed Type
17	1	2	Trailer Mounted Fuel Tanker Towed Type
	2	2	Trailer Mounted Water Tanker Towed Type
18		16	Versatile Blades Towed Type
19		6	Trailer Towed Type
20		10	Trailer with Tilting Platform
21		4	Hydraulic Steel Bending Machine
22		4	Steel Cutting Saws
23		20	Concrete Vibrators with Spares
24 & 25			Groundnut Harvesting Equipment
26		Lot	Equipment & Tools for Central Repair Shop
27		Lot	Drafting Supplies
28	1-3	24	Mechanical Hand Tool Sets for Agricultural Dept
29	1-3	9	Mechanical Hand Tool Sets for Irrigation Dept.

The Consultant visited the local dealers to assess their capabilities for stocking of spare parts, equipment inventory and machine tools, and facilities and personnel to adequately maintain the equipment during the warranty period.

The majority of local dealers have the facilities but they are incapable of providing on-the-shelf spare parts. The Government of Sudan instituted a program to return some of the local dealers representing equipment manufacturers back to the control of private enterprises. This return from naturalization has had a stabilizing effect on the future capabilities of the dealers to provide this type of backup in the future. Port facilities and cargo handling facilities at Port Sudan, the only seaport for Sudan, were investigated.

Cargo rigging appeared to be outmoded and of a questionable state of repair. Stevedores do not have tow motors or fork lift trucks to tow or push wheeled vehicles to inspection areas. Low boy trailers are not available for crawler type tractors for internal movement. The short gantry boom crane will not be able to handle lifts over 5 tons therefore the stevedores must rely on the ship's booms for heavy lifts. These items were all discussed with a shipping agent.

Upon return to the continental U.S., Berger personnel prepared complete instructions to the bidders, bid form, standard contract provision, and specifications for each type of equipment being procured.

The Consultant, Louis Berger International, Inc., acting for the Democratic Republic of Sudan solicited bids for the Procurement of Equipment for the Rahad Irrigation Project. Bids were invited on a unit-price basis assembled CIF Port Sudan. The bid opening time was scheduled at 11:00 May 21, 1974, to be opened in the office of Louis Berger International, Inc., 100 Halsted Street, East Orange, New Jersey.

The Democratic Republic of Sudan appointed His Excellency Sayed Abdel Aziz El Nasri Hamza the Ambassador to the United States as head of mission to take an active participation in the bid opening and recommendation for award of solicited items. Other members of the Sudanese Delegation were as follows:

Sayed Ismail A. Ibrahim	National Planning Commission
Sayed Osman Mohed Beleil	Rahad Corporation
Sayed Osman Mustafa M. Kheir	Department of Irrigation Affairs
Sayed A.M.A. Kindawi	(Purchasing Department, Ministry of Finance and National Economy)

Representatives of U. S. AID Washington, D. C. were:

Erwin W. Wendt	AID/AFR/NAFA
Ronald Henrikson	AID/SER/ENG/OPNS

Conforming and responsive bids were received for the following items:

Group 4 Item 1	Motor graders 150 Horsepower. WABCO Trade Co. Peoria, Illinois. Quantity 14 only without elevating attachment (This item will be procured separately) Cost each $48,174. Total $674,436
Group 6 Items 1 and 2	Mobile Work Shop Trailers, Phoenix Manufacturing Inc., Naticoke, Pa. Quantity now 3 each at $102,507 Total $307,521.
Group 14 Item 1	Land Plane Towed Type. Oppenheimer Intercontinental Corp., Mobile, Alabama. Quantity 8 each at $20,188.50. Total $161,508.
Group 15 Item 1	Hinged Type Offset Disc Harrow Plow, Rome International Corporation, Cedartown, Ga. Quantity 6 Total $52,800.
Group 17 Item 1	Trailer Mounted Fuel Tanker Towed Type. Phoenix Manufacturing Inc., Nanticoke, Pa. Quantity 2 at $19,992 each. Total $39,984.
Item 2	Trailer Mounted Water Tanker Towed Type. Phoenix Manufacturing Inc. Nanticoke, Pa. Quantity 2 at $10,859 each. Total $21,718.
Group 19 Item 1	Trailer Towed TYpe Phoenix Manufacturing Inc., Nanticoke, Pa. Quantity now 6 at $7,723 each. Total $46,338.
Group 22 Item 1	Steel Cutting Saw. New World Research Corporation, New York, N. Y. Quantity 4 at $1,579.40 each. Total $6,317.60.

Chapter III - Procurement

CHAPTER III

PROCUREMENT

On May 29, 1974 by letter #2534 the Consultant recommended to the National Planning Committee, the Democratic Republic of Sudan, Khartoum, Sudan that after consultation with REDSO, Nairobi the Democratic Republic of Sudan formally approved the award of the above contracts in the amounts specified.

Even though these bids were conforming and responsive it was the concern of both the Democratic Republic of Sudan, AID, Washington, and the Consultant, that the uncertainty as to the cost of surface freight from the Continental United States to Port Sudan due to the oil prices that, the suppliers be advised the decision of the Democratic Republic of Sudan to have Louis Berger International, Inc., be the responsible person for payment of the CIF cost from the FAS port in the United States to Port Sudan.

Accordingly, Louis Berger International, Inc. was provided a Letter of Credit in the amount of $1,782,327.00 for the estimated costs CIF Port Sudan, Sudan. However, the trend upward of the price of oil could be of concern as this cannot be estimated at this date.

Bids were not received for the following groups:

Group 5 Item 1	Truck Tractor Tandem Axle with fifth wheel and winch 6 x 4 GVW 86,000 lbs. Wheel base, minimum 174 inches. Quantity 2.
Group 5 Item 3	Truck with dump body 6 x 4 GVW 64,000 lbs. Dump body 9 cu. yds. capacity wheel base minimum 170 inches. Quantity 10.
Group 11 Item 1	Truck with 44 passenger bus body 4 x 2 quantity 2.
Group 12 Item 1 and 2	Truck chassis 4 x 2 GVW 29,000 lbs. WBM 160". Quantity 44.
Group 13 Item 3 and 4	Truck Mounted Water Tanker 4 x 2 GVW 32,000 lbs. Tank 1500 U.S. gallon capacity WBM 163". Quantity 7.
Group 13 Item 5	Truck with Mechanical Body 4 x 4 GVW 29,000 lbs. WBM 160" with Air Compressor and Tools. Quantity 1.
Group 13 Item 6	Truck with Mechanical Body 4 x 4 GVW 29,000 lbs. WBM 160" with Electric Welder. Quantity 1.

Group 13 Item 7	Same as Item 6. Quantity 3.
Group 13 Item 8	Same as Item 5. Quantity 3.
Group 13 Item 9	Truck with Mechanical Body 4 x 4 GVW 29,000 WBM 160" with "A" frame. Quantity 2.
Group 13 Item 10 and 11	Truck Mounted Fuel Tanker 4 x 4 GVW 32,000 lbs. Tank U.S. gallons capacity WBM 168". Quantity 7.
Group 16 Item 1	Offset Disc Harrow Towed Type. Quantity 20.
Group 18 Item 1	Versatile Blade Towed Type. Quantity 16.
Group 21 Item 1	Hydraulic Steel Bending Machine for bending reinforcing rod. Quantity 4.
Group 23 Item 1	Concrete Vibrators. Quantity 20.

In order to obtain quotations through direct negotiation on these groups for which there were no bids and for those that did not submit conforming bids, various manufacturers were contacted and negotiations conducted with the following results:

Group 7 Item 1

Crane Self-Propelled Hydraulic controlled pneumatic tires. Quantity 2. Grove Manufacturing submitted the low bid of $41,998 each with delivery FAS Baltimore. It was agreed to accept this tender providing Grove concurs indecision of GOS representatives to substitute a Cummings Diesel engine for the same price.

Group 8 Item 1

Bids were rejected as excessive and Brown and Sites, Mueller, and Essick Mfg. Co. were requested to submit quotations on 9 cu. ft. mixers in liew of 14 cu. ft. mixers. Essick Mfg. Co. submitted the low bid FAS Baltimore for 30 units at total cost $41,310 and award is recommended.

Group 9 Item 1

Wheel loader Front end with back hoe attachment. Quantity 1, Fiat-allis and Caterpillar provided prices and the low bidder was Caterpillar $52,791.18 with production delivery December 1974 and award is recommended.

Group 10 Items 1 and 2

Truck pickup 4 x 4. Quantity 96. Negotiations were conducted with AMC, Ford, Chrysler and GMC, with delivery either FAS New York or Baltimore. American Motors submitted the apparent low price of $4,260.15 but stated no delivery in 1974 and a 10% increase for 1975 models with total cost $4,686.17.

General Motors price of $4,520.96 FAS New York with 180 day delivery after opening of letter of credit was the low bidder and award is recommended.

Group 23 Item 1

Concrete Vibrators-Quantity 20. Negotations were conducted and the low bid of $645.97 each or total FAS east coast of $12,919.40 was received from Combined Agencies, Washington, D.C. and award is recommended.

Group 1, 2, and 3

Two bids were received and both bids (Caterpillar and Fiat-Allis Chalmers) were non-responsive. Caterpillar did not submit a bid bond as required and Fiat-Allis Chalmers did not sign their bid. Four companies were requested to submit quotations for negotiation:

a. Terex (General Motors) advised that they were unable to provide a quotation as their factory production was completely sold out.

b. International Harvester advised that for 1974 and 1975 (calendar years) their production has been sold out. International will however endeavor to ascertain if any items could be diverted from other sources and will advise on or about June 4, 1974.

c. Caterpillar Tractor for Item 1 375 HP track type tractor a price for 5 was provided at cost of $952,576.18. This is not a firm price but a maximum escalation price and could be lower.

Fiat-Allis submitted a price of $1,188,380.00 for 5 units. These units were not 375 HP but considerably larger than 576 HP.

The representatives of GOS desire to hold award until a demonstration of both size tractors can be observed and a decision made at a later date.

Group 2

WABCO submitted the only responsive bid and after negotiations with Caterpillar and Fiat-Allis were still the low bidder for 6 units at total $1,002,786. The Consultant recommends the award to WABCO at this price. Representatives GOS desire to withhold approval at this time and will advise at a later date.

Group 3

Caterpillar Tractor Company is unable to provide the total requirements of 27 units and can only provide 15 units. This is caused by an existing order for 13 units for GOS for the Gezera Board and the inability to obtain allocation.

The Consultant recommends the award to Fiat-Allis in amount of $70,743.00 each for 15 units tractors with rear mounted ripper and angling dozer and brush rakes and 12 tractors with rear mounted cable control power unit and hydraulic control.

Group 12 and 13

There were no bids received on any items in Group 12 and 13 resulting in the Consultant Representatives of USAID and the Democratic Republic requesting quotations from Ford Motor Company, General Motors, and International Harvester Company on Wednesday May 22, 1974.

a. Ford Motor Company advised that Diesel engines were the main reason they did not submit a bid. Mr. Robert Martone, Ford Motor stated shortages of diesel engines and long delays over and above the required delivery time of 180 days was a detriment. Ford was requested to provide the best possible delivery date in their quotation. Certain minor exceptions were taken to the specifications and Ford was advised to cite these exceptions in their quotation for approval by the GOS. Quotation was expected within two (2) weeks on or about June 4, 1974.

b. General Motors advised that minor deviations to the specifications were required and that a serious shortage of diesel engines precluded submitting a bid. Mr. William Haslock, General Motors agreed to submit a quotation within two (2) weeks or about June 4, 1974.

c. Mr. Shields of International Harvester stated their total production of agricultural, construction equipment and trucks were completely sold out for the calendar year 1975 hence no bid was submitted. He agreed to provide a quotation if he obtains approval for a factory allocation of quantities. His quotation will contain minor deviations from the specification for approval by GOS and is due in two (2) weeks on or about June 4, 1974.

All manufacturers were requested to provide quotation on truck chassis only for Group 13 unless they were able to obtain prices from body manufacturers. The Consultant then would obtain quotation from these second tier contractors and would arrange for shipping CIF Port Sudan from Baltimore.

Continuing discussions were held with International Harvester, General Motors, and Ford Motor Company to obtain pro-forma invoices for the trucks involved in groups 11, 12 and 13. The main difficulty as explained by the truck manufacturers to the Consultant is the inability to provide diesel engines.

On June 24, 1974 the Democratic Republic of Sudan advised Louis Berger International, Inc. that the National Planning Commission approved the recommendations for award to successful bidders in Louis Berger report of May 29, 1974 and cable June 18, 1974 and further stated that REDSO, Nairobi concurred in the increase of Group 6 Mobile Workshops from three (3) to four (4). The Government further requested the Consultant to issue Letters of Intent to suppliers on behalf of the Government.

On July 16, 1974 Louis Berger International, Inc. acting for the Democratic Republic of Sudan opened bids for the procurement of equipment and tools for the Central Repair Shop and the Drawing Office equipments (Groups 26 and 27). The only responsive bids received as a result of these tender documents was Group 28 and 29, the Mechanical Hand Tool Sets for Agriculture and Irrigation. The Consultants further stated that due to major funding difficulties that no action should be taken on any other items.

The Consultant on July 26, 1974 advised the National Planning Commission that Preliminary Draft Report dated February 15, 1974 indicated a funding deficiency of $2,500,000.00 and provided the alternates for decisions to enable Louis Berger International, Inc. to award contracts on behalf of the Democratic Republic of Sudan. The following alternates were proposed:

1. Using the priority listing as stated in the Consultant's Preliminary Report on pages 33 and 35 would provide for the procurement for Irrigation Affairs to and including concrete mixers plus a total of eight (8) scrapers for an estimated CIF cost of $5,000,000. For Agriculture award the first twenty (20) items to and including four (4) mechanical trucks for total estimated cost $4,400,000 less fuel tankers and Central Repair Tools but including Digger Shakers and Combines at an estimated cost of $1,400,000 including spares at a total cost of $1,200,000.

2. Eliminate the agriculture peanut requirements of $1,400,000 and all spare parts at $1,200,000 and award all items on both priority lists.

3. Increase the existing Bank of America Letter of Commitment to a new total of $13,000,000.

4. Delete all items of Groups 12 and 13 (trucks) and include these requirements in World Bank bid package and include the procurement of peanut equipment and spare parts.

The Democratic Republic of Sudan by cable dated July 31, 1974, accepted alternate #4 deleting procurement of all trucks in Groups 12 and 13.

As a result of this decision, the Consultant awarded contracts for the Rahad Irrigation Project, Sudan as follows:

AWARDED CONTRACTS FOR RAHAD IRRIGATION PROJECT - SUDAN

Group	Item	Quantity	Description	Name of Firm	Purchase Price
1		5	HD41 Tractors	Fiat-Allis	$1,097,357.00
2		8	339 Wheel Tractor Scrapers	WABCO Trade Company	1,132,440.00
3		27	HD16 Tractors with Attachments	Fiat-Allis	1,848,699.00
4		14	Model 555 Motor Graders	WABCO Trade Company	575,386.00
5	1	2	60 Ton Truck Tractor	GAR International	87,160.00
	2	2	60 Ton Low Bed Trailer	Hobbs International Inc.	46,220.00
	3	10	9 Ton Dump Truck	White Truck Group International	353,250.00
6		4	Mobile Workshops	Phoenix Manufacturing Co.	343,468.00
7		2	8 Ton Telescopic Crane	Grove International	83,996.00
8		30	9CM Concrete Mixers	Brown & Sites	37,980.00
9		1	Front End Loader with Backhoe	Caterpillar Tractor Co.	46,792.00
10		96	4x4 Pickup Trucks	Ford Export Corporation	470,585.28
11	Deleted	2	44 Passenger Bus	-	-
12	Deleted	16	Truck Chassis 4x2	-	-
13	Deleted	Lot	Trucks with Diesel Engines 4x4	-	-
14		8	Marvin Land Planes	Oppenheimer Intercontinental	125,988.00
15		6	Heavy Disc Harrow	Rome Industries	47,916.00
16		20	Offset Disc Harrow	Allis-Chalmers	42,245.60
17	1	2	1500 Gal. Towed Water Tanker	Phoenix Manufacturing Co.	16,850.00
	2	2	1500 Gal. Towed Fuel Tanker	Phoenix Manufacturing Co.	17,108.00
18		16	Versatile Blades	Allis-Chalmers	4,384 96
19		6	Trailer Towed Type	Phoenix Manufacturing Co.	33,012.00
20		10	Trailer with Tilting Platform	Oppenheimer Intercontinental	30,540.00
21	Deleted	4	Hydraulic Steel Bending Machine	-	-
22		4	Steel Cutting Saws	New World Research Corporation	5,796.00
23		20	Concrete Vibrators with Spares	Combined Agencies Corporation	16,592.00
26		Lot	Equipment & Tools for Central Repair Shop	Harold Dessau International	77,158.55
27	Deleted	Lot	Drafting Supplies	-	-
28	1 - 3	24	Mechanical Hand Tool Sets for Agricultural Dept.	George W. Warner & Co.	12,590.00
29	1 - 3	9	Mechanical Hand Tool Sets for Irrigation Dept.	George W. Warner & Co.	3,945.00
				Total	$6,557,459.39

On August 26, 1974 by cable the Government of Sudan advised Louis Berger International, Inc. that the following letters of credit were opened on the Bank of America, San Francisco, California:

"REFERENCE YOUR TELEXECEIVED ON 18/6/74 LETTERS OF CREDITS OPENED ON THE BANK OF AMERICA SAN FRANCISCO CALIFORNIA AAA GROUP TWENTY THREE BS/810/74D AMOUNT LS12,919.40 TO COMBINED AGENCIES FOR 20 VIBRATORS AAA GROUP SIX BS/811/74D AMOUNT LS171,734.00 TO PHOENIX MANUFACTURING FOR TWO MOBILE WORKSHOPS AAA GROUP SEVEN BS/812/74D AMOUNT LS83,996.00 TO GROVE INTERNATIONAL CORP. FOR TWO CRANES AAA GROUP FOUR BS/813/74D AMOUNT LS328,792.00 TO WABCO TRADE CO FOR EIGHT MOTOR GRADERS AAA GROUP FIVE BS/814/74D AMOUNT LS1,083,052.00 TO MESSRS FIAT ALLIS FOR FIVE TRACTORS AAA GROUP TWO BS/815/74D AMOUNT LS1,132,440.00 TO WABCO TRADE CO. FOR EIGHT SCRAPERS AAA GROUP THREE BS/816/74 D AMOUNT LS1,108,350.00 TO FIAT ALLIS FOR FIFTEEN TRACTORS AAA GROUP EIGHT BS/817/74D AMOUNT LS31,548.00 TO ESSICK MANUFACTURING CO. FOR THIRTY MIXERS AAA GROUP TWENTY TWO BS/818/74D AMOUNT LS4,348.20 TO NEW WORLD RESEARCH FOR THREE HACKSAWS AAA GROUP TEN BS/819/74D AMOUNT LS127,804.50 TO JEEP INTERNATIONAL CORP. FOR TWENTY PICKUP AAA GROUP NINE BS/820/74D AMOUNT LS46,792.14 TO CATERPILLAR CO FOR ONE LOADER --- MECHDIV IRRIGATION"

The Consultant was not provided a copy of the Letter of Commitment established by the Banking Branch AID, Washington, D.C. with the Bank of America. Considerable difficulty resulted due to the variance in terminology as expressed in the Letter of Commitment vs the terminology utilized by the Bank of Sudan establishing the letters of credit. After considerable research through the offices of Ronald Henrikson, AID/Washington, D.C., he was able to develop that this was the responsibility of AID to correct the Letter of Commitment to read with the corresponding languages established through the Letters of Credit and contracts awarded by Louis Berger International, Inc.

As a result of the finalization of correct terminology, the following shipping information was provided by the manufacturers:

SHIPPING SCHEDULE

COMPANY	DESCRIPTION - QUANTITY	INSPECTION DATE	SHIPPING DATE	CARRIER
Fiat-Allis	6 Track Type Tractors with hydraulic control attachments 2 Track Type Tractors with double drum rear mounted power control units Total 8 tractors	November 20, 1974	From Baltimore - 12/20/74	Lyman Hall
Fiat-Allis	4 Track Type Tractors with Double drum rear mounted power control units	December 9, 1974	From New York - 12/31/74	Lyman Hall
Fiat-Allis	2 HD41 Track Type Tractors with hydraulic control straight blade bulldozers	December 28, 1974	From New Orleans - 1/30/75	Robert Toombs
Fiat-Allis	4 Track Type Tractors with hydraulic control angle dozer blades	December 28, 1974	From New Orleans - 1/30/75	Robert Toombs
Fiat-Allis	15 Canopies 10 Side Screens 10 Land Clearing Rakes	December 30, 1974 January 2, 1975	From New Orleans - 1/30/75 From New Orleans - 1/30/75	Robert Toombs Robert Toombs

SHIPPING SCHEDULE

COMPANY	DESCRIPTION - QUANTITY	INSPECTION DATE	SHIPPING DATE	CARRIER
WABCO Trade Company	7 Model 555 Motor Graders	December 10, 1974	From New Orleans - 1/30/75	Robert Toombs
WABCO Trade Company	5 Model 339 Wheel Tractor Scrapers	November 22, 1974 & December 7, 1974	From New Orleans - 1/30/75	Robert Toombs
Brown & Sites	30 Model 9CM Concrete Mixers	December 12, 1974	From New York - 2/15/75	Robert Toombs
Oppenheimer	10 Model 46 Tilt 816 Trailers	December 13, 1974	From New Orleans -1/30/75	Robert Toombs

SHIPPING SCHEDULE

COMPANY	DESCRIPTION - QUANTITY	INSPECTION DATE	SHIPPING DATE	CARRIER
Caterpillar	1 Front End Loader with Backhoe	Last half February		
Rome Industries	6 Heavy Disc Harrows		Shipment early 1975	
New World Research	4 Steel Cutting Saws	Inspection February		
Combined Agencies	20 Concrete Vibrators	Inspection Jan. 27, 1975	Possible shipping Feb. 15, 1975	
Oppenheimer	8 Land Planes	Inspection Mid-February		

SHIPPING SCHEDULE

COMPANY	DESCRIPTION - QUANTITY	INSPECTION DATE	SHIPPING DATE	CARRIER
Allis-Chalmers	20 Offset Disc Harrows 16 Versatile Blades	Inspection week of January 20, 1975	Possible shipping February 15, 1975	
Grove International	2 Telescopic Cranes	Inspection end of February		
Phoenix Mfg. Co.	4 Mobile Workshops 4 Tankers - 2 Fuel 2 Water 6 Trailers	Will not be ready for quite some time		
GAR International	2 60 Ton Truck Tractor	1 tractor will be ready 2nd week of February 1 tractor will be ready last week of February		
Hobb International	2 60 Ton Low Bed Trailer	Inspection Mid-March		

SHIPPING SCHEDULE

COMPANY	DESCRIPTION - QUANTITY	INSPECTION DATE	SHIPPING DATE	CARRIER
White Truck Group International	10 9 Ton Dump Truck	Inspection sometime in March		
Ford Export Corp.	96 (30, 66) 4 x 4 Pickup Truck	Mid-June 1975		
Fiat-Allis	6 Track type tractors with hydraulic control angle dozer blades	January 17, 1975	Possible shipment from New Orleans - 1/30/75	Robert Toomb:

Chapter IV - Financial Status

CHAPTER IV

Financial Status as of December 31, 1974

Awarded Contracts	$ 6,557,459.39
- Est. CIF	1,782,327.00
- Group 26 (Not Yet Awarded)	77,158.55
- Louis Berger International Contract	295,939.00
- Rivinius Elevating Graders (Not Yet Awarded)	137,077.00
Lubrication Units	22,064.00
Training (Est.)	50,000.00
LOC Caterpillar - Belgium	50.000.00
Reserved for Groundnut Equipment	1,400,000.00
Sub-Total	$10,372,051.94
Available for Spares	127,948.06
TOTAL	$10,500,000.00

Should be $11.0 million

Financial Status for Groundnut Equipment

FOR INFORMATION ONLY - NOT FUNDED BY AID LOAN

Groups 24 and 25 Quantity 6

3 - Peanut Combines
3 - Digger/Shakers

Associated Manufacturers International Corporation (AMICO)	1-Peanut Combine 1-Digger/Shaker	$11,180.45
Oppenheimer International Corporation	" "	9,365.00
Harrington Manufacturing Co.	" "	14,986.79*
		$35,532.24

* This amount includes US Dollars 5,392.79 estimated cost of Freight and Insurance in name of LBII.

Notes

NOTES

Note 1. Vendors of lubrication units have not as yet furnished pro-forma invoices to provide 4 lub units, 2 for Rahad and 2 for Irrigation.

Latest information as of December 31, 1974 indicates pricing and shipping available by mid-January.

Note 2. Emergency spare parts to cover 2,000 hours operation are being analyzed by manufacturers and pro-forma invoices being submitted. Anticipate final pricing no later than February 19, 1975.

Note 3. No price is indicated or included for Louis Berger International, Inc. providing the services of a qualified expert to supervise and analyze the test of the groundnut equipment, digger/shaker and harvesters being procured by IBRD funds. The Government of Sudan has not as yet answered either cables or letter requesting advice. It must be presumed and assumed that the agricultural school of the University of Khartoum has provided this service and has prepared technical specifications for the procurement of digger/shakers.

Note 4. Extreme care must be used to insure against any over obligation with such a small amount of money available to complete this project. Pro-forma invoices submitted by vendors are only valid for a specified period of time with the inflation must be presumed to be higher on delivery dates unless firm agreement had been reached previously.

Note 5. As indicated in the report, Louis Berger International, Inc. is concerned with the price inflation to cover costs of insurance and freight from the Continental United States to the Port of Sudan. Oil surcharges continue to rise and shipping lines will not quote firm prices. The Consultant has no way of endeavoring to obtain any contemplated rise in cost of Middle East oil and is unable therefore to obtain valid information on rigs due to the oil surcharge.