

THE WORLD BANK GROUP ARCHIVES

PUBLIC DISCLOSURE AUTHORIZED

Folder Title: Nile Delta Drainage (02) – Egypt – Credit 0719 - Loan 1439, Loan 1440 – P005002 - Correspondence - Volume 4

Folder ID: 30154437

Project ID: P005002

Dates: 04/17/1978 - 10/08/1978

Fonds: Records of the Middle East and North Africa Regional Vice Presidency

ISAD Reference Code: WB IBRD/IDA MNA

Digitized: 06/11/2018

To cite materials from this archival folder, please follow the following format:
[Descriptive name of item], [Folder Title], Folder ID [Folder ID], World Bank Group Archives, Washington, D.C., United States.

The records in this folder were created or received by The World Bank in the course of its business.

The records that were created by the staff of The World Bank are subject to the Bank's copyright.

Please refer to <http://www.worldbank.org/terms-of-use-earchives> for full copyright terms of use and disclaimers.

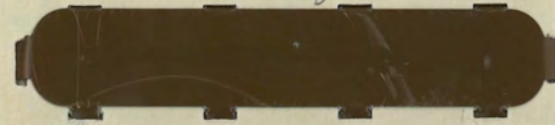


THE WORLD BANK
Washington, D.C.

© International Bank for Reconstruction and Development / International Development Association or
The World Bank
1818 H Street NW
Washington DC 20433
Telephone: 202-473-1000
Internet: www.worldbank.org

PUBLIC DISCLOSURE AUTHORIZED

EGYPT - Loan 1439/1440/Cr. 719 EGT
Vol.IV.



**RETURN TO EMENA
INFORMATION CENTER**

**DECLASSIFIED
WITH RESTRICTIONS
WBG Archives**

The World Bank Group
Archives



30154437

R1989-015 Other #: C8906 Box #14007B
Nile Delta Drainage (02) - Egypt - Credit 0719 - Loan 1439, Loan 1440 -
P005002 - Correspondence - Volume 4

CLOSE - OUT SHEET

This file is closed as of March 31, 1979.

For further correspondence, please see Vol. V.

RECORDS MANAGEMENT SECTION

THE WORLD BANK
IBRD AND IDA - SUPERVISION SUMMARYThis summary is ☐ the initial summary
☒ part of a mission report
☐ an annual update

For detailed instructions on completion of this form, please see Attachment A to the Annex of OMS 3.50.

THIS FORM IS A STOCKROOM ITEM.

Regional Office: EMENA	Project Name: Nile Delta Drainage II	Project Code: 5-EGT-AI-04	Loan ☒ Credit ☒ No.: 1439-40/719	L/C Amount (\$xx.xm): 66.0
Country: EGYPT	Borrower/Beneficiary: Egyptian Public	Board Date: 5/31/77	Signing Date: 7/15/77	Effective Date: 4/17/78
Projects Dept./Div. Name: EMPA4	Org. Code No.: 156/13	Projects Officer: Paris Economides	Loan Officer: Townsend Swayze	

SECTION 1: SUMMARY PROJECT DESCRIPTION Construction of four new pumping stations and replacement of pumping units in two existing stations; remodelling of open drains on 810,000 feddans and installation of field drainage on 400,000 feddans; extension of Bilharzia Control Program to 1.2 m feddans in Upper Egypt; partial financing of Master Plan for Water Resources.

SECTION 2: PERFORMANCE RATING

STATUS: 1 - Problem-free or Minor Problems; 2 - Moderate Problems; 3 - Major Problems

TREND: 1 - Improving; 2 - Stationary; 3 - Deteriorating

TYPES OF PROBLEMS: F - Financial; M - Managerial; T - Technical; P - Political; O - Other (Explain in Section 6.)

If more than one type of problem, enter most critical factor first.

IMPLEMENTATION STATUS: 1 - Problem-free or Minor Problems; 2 - Moderate Problems; 3 - Major Problems

Disbursements

Estimated Cost

Anticipated Completion

Compliance with Loan Conditions

Project Finances

Management Performance

Procurement Progress

Performance of Consultants

Reporting

DEVELOPMENT IMPACT: 1 - Problem-free or Minor Problems; 2 - Moderate Problems; 3 - Major Problems

Expected Benefits

Rate of Return

Institution-Building

This Summary

Last Summary

2

2

1

2

M

F

T

M

3

1

2

1

2

2

2

-

2

1

1

2

SECTION 3: PROJECT DATA

Estimated/Actual:	Project Completion (Mo./Yr.)	Loan/Credit Closing (Mo./Day/Yr.)	Total Project Cost (\$xx.xm)	of which:		Cumulative Disbursements through most recent Quarter ended (12 /31 / 78)
				Foreign Currency (\$xx.xm)	Local Currency (\$xx.xm)	
Appraisal Est.	12, 82	12, 31, 83	207 . 0	90 . 0 1/	117 . 0	21 . 1 (Est.)
Last Summary (11 / 30 / 78)	6, 83	12, 31, 83	207 . 0	90 . 0	117 . 0	
Current	12, 83	12, 31, 83	207 . 0	90 . 0	117 . 0	0 . 0 (Actual)

SECTION 4: MISSION SCHEDULE

	No. of Staff on Mission	No. of Days in Country	Return to HQ (Mo./Day/Yr.)	Final Report Date (Mo./Day/Yr.)
Latest/Present Mission	2	2	3, 5, 79	3, 30, 79 (CS)*
Previous Mission	3	3	10, 30, 78	11, 30, 78 (FS)*
Next Mission Departure (Mo./Yr.)	9, 79	Recommended interval between missions (Months)	4	End of period covered by latest progress report (Mo./Day/Yr.)

* Type of Report: FS = Full Supervision; CS = Combined Full/B-T-O; C = Completion; A = Appraisal; O = Other (explain below)

Names of Mission Members

Mission Members' Specializations

Paris Economides

Irrigation Engineer

Sheikh Abdur Rehman

Irrigation Engineer

Number of members on both
present and previous mission:

None

One

Two or More ☒

SECTION 5: COMMENTS (Clarify, if necessary, data in Sections 3 and 4.)

1/ Co-financed by KFW with US\$ 24.0 million

SECTION 6: SUMMARY OF PROJECT STATUS, TREND AND MAJOR PROBLEMS

Remodelling of open drains is behind schedule. As of December 31, 1978 some 61,000 fed were completed compared to an expected achievement at appraisal of 200,000 fed, reduced with the revised programs of November 1978 to 80,000 feddams. The tender for the construction of the four pumping stations has been advertised and bid opening is expected in May. Tender documents and specifications for the procurement of draglines are under preparation.

Government's allocation for drainage projects during 1978 was LE 44 million instead the LE 65 million requested. EPADP is LE 3 million in debt to the contractors for work implemented during 1978. For the current year, EPADP has asked LE 85 million to carry out the scheduled program but there are doubts that this amount will be fully allocated

The Bilharzia control program is proceeding on schedule. Phase III of snail control operations has been successfully implemented.

SECTION 7: MISSION RECOMMENDATIONS AND MANAGEMENT ACTION REQUIRED

Shortage of cement is the major constraint in implementing the drainage programs. A third lot of 75,000 tons may be necessary to be imported during the year.

Local funds availability should be followed closely by the Bank. Bank's intervention may become necessary to ensure the allocation of sufficient funds by the Government.

It is recommended that the Bank invites the Undersecretary of the Ministry of Health Dr. A. Mobarak together with Bank's consultant D.G. Webbe to visit the Bank in Washington and discuss about the future program of Bilharzia control and its maintenance.

cc: Messrs. Paijmans, Kwaku, Kopp(3), Swayze(EM1); Haynes, K. Jones, Naylor, French-Mullen, Merghoub, Frank, Khorana(EMP); van der Tak(3)(PAS), Yudelman(2)(AGR), Krishna(LEG), Hakim(CTR), Subramanian(CTR), Robless(PAB), Kordik(2)(OED)

NAME OF PREPARING OFFICER:

P. Economides

INITIALS:

DATE:

March 30, 1979

The World Bank / 1818 H Street, N.W., Washington, D.C. 20433, U.S.A. • Telephone: (202) 477-1234 • Cables: INTBAIRAD

March 21, 1979

Mr. Ahmed Fahmy
Chairman
Egyptian Public Authority for
Drainage Projects
5A El-Goheiny Street
Dokki-Giza
Cairo, Egypt

Dear Mr. Fahmy:

I wish to express to you and to your staff, our appreciation and thanks for the assistance and courtesies extended to Messrs. H. van der Tak, F. Hotes, and the members of the Bank mission who recently visited Egypt. The field trips to Upper Egypt and Nile Delta were extremely well organized and I take the opportunity to congratulate you on the efficiency of your staff, both at H.Q. and in the regions of the visits.

I was pleased to learn from the mission that there has been a general improvement in the implementation of the drainage projects and that several outstanding issues, such as the evaluation of drainage works, the maintenance of open drains, the establishment of cost accounting system, are in the process of being resolved. However, there are still some matters of concern, the most important being the mediocre achievement in field drainage installation during 1978. According to the data furnished to the mission, only 176,000 feddans have been provided with field drainage in Bank projects during the last year. This figure is far behind the target of 220,000 feddans suggested for the year and lower than the 180,000 feddans achievement of 1977. We know that the main reason for this poor performance was the shortage of cement. With the procurement of the new lot of 75,000 tons of cement from abroad, with Bank's approval, we hope that the performance of the current year will be close to the target of 270,000 feddans. If you have any other suggestions or if you think that Bank's intervention in other ways can facilitate the implementation of the program, I would be willing to consider any ideas you may have.

Another matter of concern is the insufficient allocation of funds by the Government for financing the drainage program. The mission informed us that the additional LE 21 million promised to EPADP for the year 1978 has

never been allocated and as a result EPADP, in spite of the low performance, is LE 3 million in debt to the contractors. We understand that for the year 1979, EPADP has asked LE 85 million but past experience suggests that it is unlikely that this amount will be fully allocated. Because of the significance of this matter, I would ask you to keep me informed of any new development.

The mission reported that inadequately graded gravel is still in use as filter in the field drains, in spite of the fact that the crushers, procured under the Bank credit, have been in the country since November 1978. I urge you to make sure that these crushers are put to use as soon as possible because we believe that this is the only way to obtain a well graded gravel for filter.

The mission also reported that on some occasions, the contractors are placing field drains without using levellers and that some contractors neglect to supply the drainage team with the special sticks with fork required for the alignment of the pipes in the trench. I think both the above are serious omissions which have had consequences for the quality of work. I would suggest you issue an order to all supervisor engineers not to allow any field drainage installation unless the surveyor with the leveler is on the site and a worker with the special stick is in the rear seat of the laying machine, all the time, correcting the alignment of pipes.

Finally, another problem that came to the notice of the mission was that one laying machine, procured under the IDA credit has been sitting idle for 3 months because of lack of one certain spare part. We know that EPADP has distributed the spare parts to the contractors who subsequently are responsible for the maintenance of their machinery. But the above fact shows that, with this system, it is not always possible for each contractor to have all types of spare parts available at any one time. Therefore, it is necessary that a system should be introduced to avoid these unnecessary delays in repairing machinery in the future. Perhaps the less frequently used spare parts should be kept by the Authority and delivered to the contractors when the need arises or perhaps the Authority should encourage the contractors to create a pool of these spare parts and make use of them as and when required. The problem merits some attention and I would like to have your views.

With kind regards.

Sincerely yours,

Peter E. Naylor
Chief, Agriculture Division IV
Europe, Middle East and North Africa Region
Projects Department

Cleared and cc: Swayze(EM1)

cc: Messrs. van der Tak(PAS), Hotes(AGR)

PEconomides/mcg

March 9, 1979

Mr. Ahmed Fahmy
Chairman
Egyptian Public Authority for
Drainage Projects
5A El Gohainy Street
Kokko-Giza
Egypt

Dear Mr. Fahmy:

Re: Amendments to Project Agreements for
(i) Nile Delta Drainage II Project,
(ii) Upper Egypt Drainage II Project,
and (iii) Upper Egypt Drainage Project

1. I refer to the discussions that the recent IDA/IBRD supervision mission has had with you regarding amendment to the following provisions of the Project Agreement for Nile Delta Drainage II Project:

(i) Section 2.06 re: evaluation of the effect of drainage works;

(ii) Section 2.07 re: study of the ability of the beneficiaries of the drainage works to pay for the investment, operation and maintenance costs;

(iii) Section 3.03 re: training program; and

(iv) Section 4.03 re: the establishment of the cost accounting system for the Authority.

2. In this connection, we propose the following amendments to the said sections and consequential amendments to other Project Agreements mentioned above:

(i) "Section 2.06. (a) Except as the Association and the Bank shall otherwise agree, the Authority, in respect of selected areas, shall furnish to the Association and the Bank: (1) not later than February 28, 1979, an initial report, and thereafter, semiannual progress reports until December 31, 1980, on Authority's ongoing crash program for evaluating the effects of

- 2 -

completed drainage works under the Projects and other projects of the Borrower on crop yields, (ii) not later than February 28, 1980, an interim report on the said program; (iii) not later than February 28, 1981, a final report on the findings of the said program; (iv) not later than June 30, 1979, an initial report, and thereafter, semiannual reports until June 30, 1984, on the Authority's on-going long-range program for evaluating the effects of completed drainage works under the Projects and other projects of the Borrower on crop yields; and (v) not later than November 30, 1984, a final report on the findings of the said long-range program.

"(b) Section 2.06 of the Project Agreement (Upper Egypt Drainage II Project) between the Bank, Association and the Authority of June 11, 1976, is amended to read as provided in Section 2.06 (a) of this Agreement.

(ii) Section 2.07 is amended by deleting the date set forth therein and by substituting the date "December 31, 1979" therefor.

(iii) "Section 3.03 (a) The Authority shall, as and when necessary, carry out training programs for its supervisors and technicians and the extension agents of the Ministry of Agriculture in drainage practices and maintenance. Prior to carrying out any such program the Authority shall furnish to the Association and the Bank the details thereof for their review and comments.

"(b) Section 3.03 of the Project Agreement (Upper Egypt Drainage Project) between the Association and the Authority of June 8, 1973, and Section 3.03 of the Project Agreement (Upper Egypt Drainage II Project) between the Bank, the Association and the Authority of June 11, 1976, are each amended to read as provided in Section 3.03 of this Agreement."

(iv) "Section 4.03. (a) The Authority shall, not later than December 31, 1979, or such other date as may be agreed between the Association, the Bank and the Authority, establish, and thereafter, maintain a cost accounting system, satisfactory to the Association, the Bank and the Authority, for its operations.

"(b) Section 4.03 of the Project Agreement (Upper Egypt Drainage Project) between the Association and the Authority of June 8, 1973 and Section 4.03 of the Project Agreement (Upper Egypt Drainage II Project) between the Bank, the Association and the Authority of June 11, 1976, are each amended to read as provided in Section 4.03 of this Agreement."

3. If you agree with these proposals please signify your agreement by signing the attached copy of this letter and returning it to us.

- 3 -

4. In view of his interest in this matter, I am sending a copy of this letter to Mr. Samir Koraiem, Undersecretary of the Ministry of Economy, Foreign Trade and Economic Cooperation.

Sincerely yours,

Martijn J. Paijmans

Martijn J. W. M. Paijmans
Director, Country Programs I
Europe, Middle East and North Africa Region

Confirmed:

EGYPTIAN PUBLIC AUTHORITY FOR
DRAINAGE PROJECTS

By _____
Authorized Representative

Date: _____

cc: Mr. Samir Koraiem

TSwayze:lh
Cleared with & cc: Messrs. P. Economides, Naylor (EMP), Krishna (LEG)

TELEX
DELTATILE

March 8, 1979
74515

12

10

START
HERE
TO

1 AHMED FAHMY, CHAIRMAN

2 DELTATILE, CAIRO, EGYPT. RECREDIT/LOANS 719/1439-40-EGT AND YOURLET
3 MARCH 3 WITH TENDER DOCUMENTS FOR PROCUREMENT 10,000 TONS REINFORCE-
4 MENT STEEL BARS. IDA HAS NO OBJECTION TO YOUR ISSUANCE TENDER. YOU
5 MAY WISH TO CONSIDER FOLLOWING POINTS: AAA CLARIFYING PARA 7
6 CHAPTER II ON DELAY IN DELIVERY BY USING SAME LANGUAGE AS IN
7 SUGGESTED ADDENDUM OF TENDER FOR CEMENT. BBB POSTPONING DATE OF
8 OPENING SINCE APRIL 10 SEEMS UNREALISTIC. A CLASSIFIED NOTICE FOR
9 THIS TENDER WILL BE SENT TO UN DEVELOPMENT FORUM. PLEASE FURNISH
10 TWO COPIES OF THE TENDER DOCUMENTS AS ISSUED AND CABLE DATES OF
11 ADVERTISING AND BID OPENING. REGARDS NAYLOR INDEVAS
12
13
14
15
16
17
18
19
20
21
22

END
OF
TEXT

SUBJECT

EGYPT: Cr./Loans 719/1439-40

PEconomides/mcg

Cleared and cc: Mr. Schwenneker(EMP) Mr. Peter E. Naylor

cc: Messrs. Swayze(EM1),
Hakim(CTR)

Chief, EMPA4

ICYPT

Nile Delta Drainage II Project

Compliance With Loan Conditions

Conditions Upon Which Action Pending

There are four dated covenants upon which action is still pending. The Bank and IDA have amended the project agreements to postpone the dates for meeting these conditions. The conditions and reasons for amending the dates are given below:

(a) Section 2.06 - Evaluation of the Effect of Drainage Works on Crop Yields

Section 2.06 of the Project Agreement provides for the completion of the evaluation of the effect of drainage works not later than June 30, 1978, for areas under Nile Delta I Project and not later than June 30, 1979, for areas under Upper Egypt I Project.

These provisions were based on the assumption that existing yield data, collected by cooperatives, would be used. However, experience showed that these data were not reliable due to the fact that they did not account for factors other than drainage that affect yields (cultural practices, inputs, pest problems, etc.). We therefore proposed and EPADP agreed to initiate a new monitoring and evaluation program which would, with an improved methodology, provide the information needed to scientifically and accurately evaluate the effects of drainage on crop yields.

The new monitoring and evaluation program is divided into two distinct parts: (i) a crash program; and (ii) a long range program. The crash program will be limited to two years and will cover three representative areas. It is designed to provide as quickly as possible reliable information on the effects of drainage on crop yields. This data, although only available in part by then, will be used for the Nile Delta III Drainage Project scheduled for appraisal in May 1980. The crash program started November 1978.

The long range program is more comprehensive than the crash program, and will last for five years. It will cover six to ten representative areas. Because of its scope, the long range program will not only evaluate the effects of drainage over the years on crop yields in Upper and Lower Egypt, but it will also indicate how drainage might influence cropping patterns, land use, income level and distribution, use of inputs, as well as a number of other factors.

The proposed amendment of Section 2.06 of the Nile Delta Drainage II Project Agreement (see draft letter attached) reflects the new situation.

(b) Section 2.07 - Study of the Ability of Farmers to Pay for Drainage Works

Section 2.07 of the Project Agreement provides for the completion of the study on the ability of the beneficiaries of the drainage works to pay for the investment, operation, and maintenance costs. However, this study is a follow up of a general socio-economic and farm management study carried out by the Ministry of Agriculture with technical and financial assistance from the Ford Foundation. Collection of data for the general studies has been completed after several months of delay, but tabulation and report writing are still underway. Since the study on the ability of beneficiaries to pay for the drainage works will be based on the findings of this general socio-economic study, and since it has not yet been completed, we propose to extend the date for the completion and furnishing to the Bank of the report on the ability of farmers to pay, to December 31, 1979. (See draft letter attached.)

(c) Section 3.03 - Training Program

Section 3.03 of the Project Agreement provides for carrying out by EPADP of a training program for (i) supervisors and technicians, and (ii) mechanics and operators.

Training programs for EPADP supervisors and technicians and the extension agents of the Ministry of Agriculture are being carried out as the need arises. But it is no longer appropriate for EPADP to carry the responsibility for training of mechanics and operators in the operation and maintenance of the equipment, since all equipment provided under the project is now sold to the contractors. Training of operators and mechanics is the responsibility of the contractors and is being carried out with the assistance of foreign technicians provided by the suppliers of the machinery. The proposed amendment of this section reflects this situation. (See draft letter attached.)

(d) Section 4.03 - Establishment of Cost-Accounting System

Considerable delays occurred in the establishment of a cost-accounting system in EPADP, required under 4.03 section of the Project Agreement, due to lack of experience and staff. The Bank suggested, and EPADP agreed, to hire a local consulting firm to assist in establishing the cost-accounting system and to train EPADP's staff. Bank provided its assistance to EPADP by drafting Terms of Reference for the design, training of staff, and implementation of the cost-accounting system by a local consulting firm. Negotiations are underway for the recruitment of one of the consulting firms, namely Dr. Hegazy and Co.

EPADP has recruited a number of new accountants who, after training, will form the cost-accounting unit. Training activities were expected to start in January. Because of the above mentioned difficulties, the cost-accounting system is not expected to become operable before the end of 1979. Therefore, we are proposing that this section be amended to reflect the actual state of affairs.

The letter of March 9, 1979, sent to Mr. Ahmed Fahmy by Mr. M. Paijmans (Annex 1, B) is related to the above amendments suggested.

EGYPT

Nile Delta Drainage II Project

Key Indicators

Activity	Total Work	Achievement at 12.31.78		Actual Achievement		Percent of objective Completed at 12-31-78	
		According to appraisal	According to revised Program (Nov 78)	last Supervision	Current Super- vision	As compared to appraisal	As compared to revised program (Nov 7
Remodelling open drains (fed)	800,000	200,000	80,000	41,000	61,000	31%	76%
Field drainage installation (fed)	400,000	-	-	-	-	-	-
Pumping Station (No)	4	40%		-	-	0	

Arab Republic of Egypt
Nile Delta Drainage II Project
Schedule of Disbursement

<u>Year and Quarter</u>	<u>Accumulated Disbursement(US\$ Mil)</u>				<u>Percent of Appraisal Estimate</u>
	<u>Actual Total</u>	<u>Appraisal Estimate</u>	<u>Lost Estimate</u>	<u>Revised Estimate</u>	<u>New Estimate</u>
December 31, 1978	-	21.1	0.1		0
June 30, 1979		30.3	10.3		34%
June 30, 1980		45.5	30.3		67%
June 30, 1981		55.3	45.5		82%
June 30, 1982		62.7	55.3		88%
June 30, 1983		66.0	66.0		100%
Closing date		Dec. 1983	Dec. 1983		

ARAB REPUBLIC OF EGYPT

Nile Delta Drainage II Project
Places Visited and Officials Met

1. Places Visited

Cairo	February 1 - 4, 1979 February 6 - 11, 1979 February 15 - 20, 1979
East Delta	February 5, 1979
Central Delta	February 12, 1979
West Delta	February 13-14, 1979

2. Officials MetEPADP

Eng. Ahmed Fahmy
 Eng. Ahmed Lutfi
 Eng. Roushdi Sinarah
 Eng. Toot Sharabim
 Eng. Anis Naguib
 Eng. Abdel Mooti El Desouki
 Eng. Ahmed Sawaf
 Eng. Wadiya Raffla
 Eng. Asaad Fahmy
 Eng. Saad-el-Samiliki
 Eng. Atfi Mohammad Ali
 Eng. Maurice Halim
 Eng. Hashim Ibrahim
 Eng. Artin Halim Ghobrial

Chairman
 Undersecretary for Finance
 Undersecretary for Maintenance
 Undersecretary for Mechanical Dept.
 Director General for Planning
 Director General for Design
 Director Technical Office
 Director Training and Evaluation
 Chairman Evaluation Committee
 Undersecretary East Delta, Zagzig
 Director General East Delta, Zagzig
 Director General Maintenance, Zagzig
 Engineer In charge Tile Factory, Tanta
 Director General West Delta, Damanhour

Draining Research Institute

Eng. Mohamed Hasan Amer
 Eng. Mrs. ElGuindy

Acting Director
 Research Agronomist

Ministry of Irrigation

Eng. Mohamed El Guindy
 Eng. Abdel Mohesim Azmy

Vice Minister
 Undersecretary Mechanical and
 Electrical Department

Ministry of Agriculture

Mr. Adel Sarki
 Dr. Azmy Abu Hassein
 Dr. Mohamed Moustafa Abdelwariz
 Mr. Zaki Fahmy

Controller for International Organiza-
 tions
 Chairman Soil Amelioration Authority
 Director General Amelioration Authority
 Technical Officer.

Ministry of Health

Dr.O. El Zimaity
Dr.Salah Mohamed El Hag

FAO

Mr.Akraim El Jaft

Director General Bilharzia Project
Chief for Chemotherapy

FAO Country Representative

EGYPT

Nile Delta Drainage II Project

Execution of the Project

1. Excavation and remodelling of open drains. The work is carried out by five main contractor companies (public sector) working in the Delta, using equipment provided under the Nile Delta Drainage I project. As of December 31, 1978 some 61,000 feddans were completed compared to a target of 200,000 feddans estimated at appraisal, reduced to 80,000 feddans with the revised program of November 1978. The overall performance of EPADP during 1978 is shown in table I.
2. Pumping Stations. A study carried out by EPADP showed that the most appropriate solution for the evacuation of the discharge water from the pumping station of Mehalla -el-Kobra is to construct a new drain of 750m long through which the water will be evacuated directly into the Damietta Branch of the Nile. By this way the deteriorating of the quality of water in the Mehalla Canal (into which the discharge water of the pumping station was originally planned to be evacuated.) will be avoided. After the adoption of this solution, the tender of the four pumping stations was advertised. Bid opening is scheduled for May. Tender documents and specifications for the electric transmission lines are under preparation. No action was taken for the replacement of the ten old pumps in the pumping stations Bahr Saft and Kassaby. These pump units were installed in 1954 and are in bad shape. M.A.N., the manufacturer of the pumps, submitted to EPADP a proposal for the complete rehabilitation of the pumps. The proposal, as compared to the replacement of the pumps, is under study.
3. Procurement.
 - Tender documents for the procurement of draglines are under preparation.
 - Approval was given by the Bank for the procurement of 10,000 tons reinforcement steel bars to be used in the construction of pumping stations and structures
 - Mulluscicide and drugs of a total value of US\$ 9.7 millions, have been procured from "Bayer", West Germany, for the Bilharzia Control Program.
4. Maintenance of open drains. Since January 1, EPADP is responsible for the maintenance of open drains in areas where field drainage has been installed. An improvement in this activity has already been noticed. A special allocation of LE 2.5 million was made for the current year.
5. Cost accounting system. Some progress has been made with the establishment of the cost accounting system in EPADP. Already 21 new accountants have been recruited for this purpose. Offers from three different local firms for assisting EPADP in establishing the cost accounting system and for training the accountants have been received and are under study. It is expected that the cost accounting system will be established within six months.

6. Availability of local funds. Some problems are anticipated with allocation of local funds to EPADP for carrying out the drainage program. During 1978, EPADP received only LE 44 million instead of the LE 65 promised. As a result and in spite of the low performance due to the shortage of cement, EPADP is LE 3 million in debt to the contractors. For the year 1979, EPADP has asked LE 85 million of which LE 70 million for local cost and LE 15 million for foreign cost. No decision has been made by the Government until now as to the amount of the allocation but there are fears that it will be much lower than that requested.

7. Bilharzia Control Program. The maintenance of the bilharzia control measures was discussed at a meeting with Dr. Osman Mahmoud Zemitti, Director General of the Bilharzia Control Program and Dr. Salah Mohamed El-Haq, responsible for chemotherapy. The need to reduce, in the future, dependence on molluscicide produced by one foreign firm only has been emphasized. It was agreed that local production of the similar molluscicide (mollotox) should be encouraged. A large scale test with mollotox is scheduled for March in the Ismailia area. If the test proves to be successful and if assurances can be obtained that the firm can produce the quantities required, the Ministry of Health would negotiate a five-year contract with the firm for the supply of molluscicide.

8. Contribution to the project by World Food Program. The aid program for the World Food Program (WFP) became effective in February 1979. According to the program WFP would provide food to the personnel engaged in the execution of the Nile Delta Drainage II project of a total value of US\$ 18 million in four years. A certain amount of the laborers wages will be deducted in return for supplying food commodities and the resulting fund will be used to finance local cost for the execution of drainage works on about 30,000 feddars.

Arab Republic of Egypt
Bank Drainage Projects
Work Progress During 1978

	TOTAL WORK	End 1977	1st Quarter		2nd Quarter		3rd Quarter		4th Quarter		Total 1978	
		Cumulative	During Quarter	Cumulative	During Quarter	Cumulative	During Quarter	Cumulative	During Quarter	Cumulative	Achieved	Targ.
<u>Remodelling Open Drains</u>												
Nile Delta I	860,000	785,000	55,000	840,000	23,000	863,000	9,000	872,000	37,000	909,000	124,000	75,000
Upper Egypt I	300,000	206,000	14,000	220,000	7,000	227,000	11,000	238,000	12,000	250,000	44,000	94,000
Upper Egypt II	500,000	89,000	5,000	94,000	26,000	120,000	12,000	132,000	27,000	159,000	70,000	131,000
Nile Delta II	800,000	---	---	---	---	---	41,000	41,000	20,000	61,000	61,000	40,000
TOTAL	2,460,000	1,080,000	74,000	1,154,000	56,000	1,210,000	73,000	1,283,000	96,000	1,379,000	299,000	340,000
<u>Installation Field Drainage</u>												
Nile Delta I	950,000	604,000	24,000	628,000	30,000	658,000	35,000	693,000	42,000	735,000	131,000	140,000
Upper Egypt I	300,000	85,000	11,000	96,000	11,000	107,000	7,000	114,000	8,000	122,000	37,000	50,000
Upper Egypt II	500,000	---	1,000	1,000	3,000	4,000	2,000	6,000	2,000	8,000	8,000	10,000
Nile Delta II	400,000	---	---	---	---	---	---	---	---	---	---	---
Nile Delta III	600,000	---	---	---	---	---	---	---	---	---	---	---
TOTAL	2,750,000	689,000	36,000	725,000	44,000	769,000	44,000	813,000	52,000	865,000	176,000	200,000

FE: Area provided with field drainage outside Bank projects during 1978: 19,000 fed.

March 1979

EGT 439144014714

3/30/79

440098 WORLDBANK

M $\oplus$

EGT 4393

E G T 1285 / 463

5

~~Distribution~~

EGT 1439 / 44014 21-9

Mr. Taylor

Mr. Koeppe

ZCZC AWA506 VIA ITT CRB136 FR1897

U IWA CO UNCA 026

CAIRO 26 25 1315

INDVEAS WASHGTON DCUSA

MR NALOR REUR CABLED DATED 20 GALD TO INFRM YOUR TIME OF

MSSION COVERNET WITH REGARDS

AHMED FAHMY CHARMAN

EMENA
AGRICULTURE DIVISION IV
Rec'd 3/26 No 203
Assigned to P.H. / Economics

NIG
ation required
FILE 3-26-79 ECONOMICS
Filing Instructions:
Project See T Formed.
Project Name Egypt
Oral Age Project
Loan Credit No

Note: Text as received.

yellow

EGT 1181

EGT 11393

March 21, 1979

EGT 1285/11637

EGT 1434/1440/17

Mr. Ahmed Fahmy
Chairman
Egyptian Public Authority for
Drainage Projects
5A El-Goheiny Street
Dokki-Giza
Cairo, Egypt

Dear Mr. Fahmy:

I wish to express to you and to your staff, our appreciation and thanks for the assistance and courtesies extended to Messrs. H. van der Tak, F. Hotes, and the members of the Bank mission who recently visited Egypt. The field trips to Upper Egypt and Nile Delta were extremely well organized and I take the opportunity to you on the efficiency of your staff, both at H.Q. and in the regions of the visits.

I was pleased to learn from the mission that there has been a general improvement in the implementation of the drainage projects and that several outstanding issues, such as the evaluation of drainage works, the maintenance of open drains, the establishment of cost accounting system, are in the process of being resolved. However, there are still some matters of concern, the most important being the mediocre achievement in field drainage installation during 1978. According to the data furnished to the mission, only 176,000 feddans have been provided with field drainage in Bank projects during the last year. This figure is far behind the target of 220,000 feddans suggested for the year and lower than the 180,000 feddans achievement of 1977. We know that the main reason for this poor performance was the shortage of cement. With the procurement of the new lot of 75,000 tons of cement from abroad, with Bank's approval, we hope that the performance of the current year will be close to the target of 270,000 feddans. If you have any other suggestions or if you think that Bank's intervention in other ways can facilitate the implementation of the program, I would be willing to consider any ideas you may have.

Another matter of concern is the insufficient allocation of funds by the Government for financing the drainage program. The mission informed us that the additional LE 21 million promised to EPADP for the year 1978 has

March 21, 1979

never been allocated and as a result EPADP, in spite of the low performance, is LE 3 million in debt to the contractors. We understand that for the year 1979, EPADP has asked LE 85 million but past experience suggests that it is unlikely that this amount will be fully allocated. Because of the significance of this matter, I would ask you to keep me informed of any new development.

The mission reported that inadequately graded gravel is still in use as filter in the field drains, in spite of the fact that the crushers, procured under the Bank credit, have been in the country since November 1978. I urge you to make sure that these crushers are put to use as soon as possible because we believe that this is the only way to obtain a well graded gravel for filter.

The mission also reported that on some occasions, the contractors are placing field drains without using levellers and that some contractors neglect to supply the drainage team with the special sticks with fork required for the alignment of the pipes in the trench. I think both the above are serious omissions which have bad consequences for the quality of work. I would suggest you issue an order to all supervisor engineers not to allow any field drainage installation unless the surveyor with the leveler is on the site and a worker with the special stick is in the rear seat of the laying machine, all the time, correcting the alignment of pipes.

Finally, another problem that came to the notice of the mission was that one laying machine, procured under the IDA credit has been sitting idle for 3 months because of lack of one certain spare part. We know that EPADP has distributed the spare parts to the contractors who subsequently are responsible for the maintenance of their machinery. But the above fact shows that, with this system, it is not always possible for each contractor to have all types of spare parts available at any one time. Therefore, it is necessary that a system should be introduced to avoid these unnecessary delays in repairing machinery in the future. Perhaps the less frequently used spare parts should be kept by the Authority and delivered to the contractors when the need arises or perhaps the Authority should encourage the contractors to create a pool of these spare parts and make use of them as and when required. The problem merits some attention and I would like to have your views.

With kind regards.

Sincerely yours,

Peter E. Naylor
Chief, Agriculture Division IV
Europe, Middle East and North Africa Region
Projects Department

Cleared and cc: Swayze(EM1)

cc: Messrs. van der Tak(PAS), Hotes(AGR)

PEconomides/mcg



TELEX
DELTATILE

March 20, 1979
74515

EGT 181 EGT 1285/4 637
EGT 393 EGT 1439/1440/719

AHMED FAHMY, CHAIRMAN

DELTATILE, CAIRO, EGYPT. RECREDITS 181, 393 AND CREDITS/LOANS
637/1285 AND 719/1439-40. ECONOMIDES ARRIVING CAIRO APRIL 3 FLIGHT
TWA 840 FOR TWO WEEKS FOR PREAPPRAISAL WEST NUBARIYA PROJECT. ON
THIS OCCASION HE WISHES VISIT DRAINAGE AUTHORITY AND DISCUSS WITH
YOU AND YOUR STAFF MATTERS RELATED ONGOING DRAINAGE PROJECTS AND
NUBARIYA SEED FARM, DRAINAGE COMPONENT. PLEASE CONFIRM IF TIMING
ECONOMIDES MISSION CONVENIENT TO YOU. REGARDS NAYLOR INDEVAS

719/1439-40
EGYPT: 181, 393, Cr/Ln. 637/1285,

Cleared and cc: Swayze(EM1)

PEconomides/mcg

P. Naylor

Chief, EMPA4

1RQ-878

EGT 0181

EGT 0393

EGT 1285/4637

EGT 1439/1440/4719

3/19179

OFFICE MEMORANDUM

TO: Mr. Peter E. Naylor, Chief, EMPA4

DATE: March 19, 1979

FROM: Paris Economides, EMPA4

SUBJECT: Mission January 29 - March 3, 1979, to Egypt and Iraq
Back-to-Office ReportI. EGYPT (January 30 to February 20, 1979)A. Drainage Projects ^{1/} (Nile Delta I, Upper Egypt I, Upper Egypt II and Nile Delta II)

1. Progress with field drainage installation is behind schedule. During 1978, only 176,000 feddans were provided with field drainage compared to the original target of 220,000 feddans, reduced later to 200,000 feddans (Table 1). An additional area of 19,000 feddans was provided with field drainage outside Bank projects. The achievement for this year was lower than that for the year 1977, during which some 180,000 feddans (Bank projects) were covered with field drainage. The reason for this mediocre performance is the shortage of cement. Out of a quantity of about 213,000 tons requested by EPADP from the Ministry of Housing, only 144,000 tons have been received, including the cement procured from Romania with IDA funds (Table 2). This amount was just sufficient to cover the needs in cement for the 195,000 feddans implemented during the year.
2. Progress with remodelling is also behind schedule. During 1978, some 300,000 feddans were completed to a target of 340,000 feddans. It should, however, be mentioned that this achievement compared to that of 1977 (210,000 feddans) should be considered satisfactory.
3. All the eleven pumping stations of the Nile Delta I Drainage Project are operational and a good monitoring system has been established. However, there is a need to computerize the data collected from the stations in order to evaluate the design criteria and to confirm the observation made that, due to the installation of field drainage, actual drainage discharges are lower than were anticipated. The matter has been discussed with the Undersecretary of the Mechanical and Electrical Department of the Ministry of Irrigation, Engineer Abdel Mohseiny Azmy, who promised to take the necessary action. Moderate progress is being made with the construction of pumping stations in Upper Egypt. The Damanhour workshop for pumping stations has been completed while installation of machinery in the workshop of Kafr Sheikh is underway. The tender for the four new pumping stations in Nile Delta II Project has been issued.

^{1/} Full supervision reports will be prepared later.

Mr. Peter E. Naylor

March 19, 1979

4. Construction of the three PVC pipe factories in Upper Egypt has almost been completed. The delivery of machinery will start in May and it is expected that the first factory (Beni Suef) will become operational by October 1979.

5. Since January 1, 1979, EPADP is responsible for the maintenance of open drains in areas where field drainage has been installed. An improvement in this activity has already been noticed. A special allocation of LE 2.5 million was made for the current year.

6. The study on the soil amelioration activities in Upper Egypt will be completed by end of April. Already, two areas have been identified (30,000 fed. in Beni Suef and 10,000 fed. in Minieh) which need special treatment. Implementation of the program will start in June with the arrival of the ordered equipment. Local funds required for this program, estimated at LE 1 million (LE 20 per feddan), have already been allocated.

7. Some progress has been made with the establishment of the cost accounting system in EPADP. Already 21 new accountants have been recruited for this purpose. Offers from three different local firms for assisting EPADP in establishing the cost accounting system and for training the accountants have been received and are under study. It is expected that the cost accounting system will be established within six months.

8. Some problems are anticipated with the allocation of local funds to EPADP for carrying out the drainage program. During 1978, EPADP received only LE 44 million instead of the LE 65 promised. As a result and in spite of the low performance due to the shortage of cement, EPADP is LE 3 million in debt to the contractors. For the year 1979, EPADP has asked LE 85 million of which LE 70 million for local cost and LE 15 million for foreign cost. No decision has been made by the Government until now as to the amount of the allocation but there are fears that it will be much lower than that requested.

B. Bilharzia Control Program

9. The maintenance of the bilharzia control measures was discussed at a meeting with Dr. Osman Mahmoud Zemiti, Director General of the Bilharzia Control Program and Dr. Salah Mohamed El-Haq, responsible for chemotherapy. The need to reduce, in the future, dependency on molluscicide produced by one foreign firm only has been emphasized. It was agreed that local production of the similar molluscicide (mollotox) should be encouraged. A large scale test with mollotox is scheduled for March in the Ismailia area. If the test proves to be successful and if assurances can be obtained that the firm can produce the quantities required, the Ministry of Health would negotiate a five-year contract with the firm for the supply of molluscicide.

Mr. Peter E. Naylor

March 19, 1979

10. A higher level discussion with Government officials and Bank representatives will be very useful to formulate future policy. It is recommended that the Undersecretary of the Ministry of Health, Dr. A. Mobarak and the Bank consultant Dr. Webbe be invited by mid-May to visit Washington, to discuss the bilharzia program in Egypt and the measures required for its maintenance.

C. Fruit and Vegetables Project

(a) Nubariya Main Drain

11. Progress with the three contracts awarded for the lower part of the Drain (km 0.0 to km 7.8) is as follows:

Contract 1 (km 0.0 to km 2.3): Excavation 95% completed. Bridge km 1.83, foundation completed, masonry work underway. Bridge km 2.1, 44% completed. Expected date of completion of contract: June 30, 1979.

Contract 2 (km 2.3 to km 3.8): Completed.

Contract 3 (km 3.8 to km 7.8): Earth work completed 70%. Two siphons have been constructed while the third one is 60% completed. Expected date of completion of contract: June 30, 1979.

12. No progress was made in the design of the outfall structure (weir) of the drain. The University of Cairo is carrying out a study on the structure in a model. Results will be available within six months.

13. The two contracts for the construction of the Drain (from km 28.4 to km 40.0 and from km 40.0 to km 76.7) have been awarded to the General Company for Land Reclamation for a total amount of LE 4.53 million (US\$6.6 million) with a maximum of 45% (about US\$3.0 million) to be paid in foreign currency. Expected date of completion of the contract March 1981.

14. A contract has been signed between EPADP and the consultant (Sir William Halcrow and Partners) for the preparation of tender documents and specifications for the remaining part of the Main Nubariya Drain (km 7.8 to km 28.4). Tenderers will be requested to submit offers for the two alternative solutions, tunnel/loop. Tender documents will be ready for Bank's review in April.

(b) Drainage Works Within the Nubariya Seed Farm

15. The problem of establishing good drainage conditions within the farm has been discussed on several occasions with Dr. Hussein Shabana, Chairman of NSPC, Mr. Abdelaziz Seif-El-Din, Vice-Chairman of NSPC, and Eng. Ahmed Fahmy,

Mr. Peter E. Naylor

March 19, 1979

Chairman of the Egyptian Authority for Drainage Projects (EPADP). It has been decided that EPADP will take the full responsibility for the remodelling of open drains and for the installation of field drainage on the farm. Field investigations and design work will be carried out by EPADP's design office taking into consideration the consultant's recommendations. Execution of the work will be done by EPADP, using local contractors, in the same way as is done for the other drainage projects. Financing will be assured by the NSFC. In a joint meeting between Dr. Shabana and Eng. Ahmed Fahmy, it was decided that official letters be exchanged between EPADP and NSPC on this matter. If no further difficulties arise, it is expected that the drainage systems covering the whole farm will be completed by end 1980.

(c) Irrigation Works Within the Nubariya Seed Farm

16. The remodelling and improvement of the main irrigation canals within the farm will be carried out by the Department of Projects and Land Reclamation of the Ministry of Irrigation. Eng. M. A. Maklout, head of this Department, agreed to prepare tender documents and specifications on the basis of the consultant's recommendations. It is expected that tenders will be issued by end of May. The works will be financed by the Ministry of Irrigation.

17. For the improvement of the secondary and tertiary irrigation canals, and water management in general, the services of the Institute for Water Use and Management have been requested. Dr. Mahmoud Abu-Zeid, Director of the above mentioned institute, promised to study the proposals of the consultant and prepare within 3-4 months the final design and specifications for the irrigation network within the farm. The NSPC will bear the implementation cost.

(d) Lining of El Nasr Canal

18. The consultant (Sir William Halcrow and Partners) has submitted his proposals on the remedial measures required for the rehabilitation of the canal. The Department of Projects and Land Reclamation of the Ministry of Irrigation is not in full agreement with the consultant's recommendations. A technical committee within the Ministry of Irrigation has been formed to study the report and to make final recommendations as to the method to be followed for the rehabilitation of the canal and for the lining of the remaining part (from km 27 to km 54). Specifications for tendering the repair works are expected to be completed within 3-4 months. Financing has been assured from the regular budget of the Ministry of Irrigation.

Mr. Peter E. Naylor

March 19, 1979

(e) Maintenance of Irrigation and Drainage Works on the Seed Farm

19. The need for strengthening the maintenance unit of the farm to enable it to carry out properly and in time the maintenance of the secondary and tertiary irrigation and drainage systems has been emphasized. Dr. Shabana agreed to recruit one or two more engineers for this purpose. The Department of Projects and Land Reclamation of the Ministry of Irrigation will be responsible thereafter, for the maintenance of the main drains and canals.

D. Agricultural Development Project

(a) Pilot Irrigation Project in Menufiya

20. The Mechanical and Electrical Department of the Ministry of Irrigation, in collaboration with the Institute for Water Use and Management is responsible for the preparation of the design and tenders. Eng. Abdel Mohseim Azmy, head of the Mechanical and Electrical Department, assured the mission that design and tender documents will be ready for Bank's review by the end of August 1979. A topographical map will be prepared by the Department together with a detailed survey of sagias. The mission suggested and the Department agreed that staff from the Ministry of Irrigation should approach the farmers of the area and explain to them the scope and advantages of the suggested pilot irrigation scheme. During the meeting it was decided that two separate tenders will be prepared, one for the pumping stations (buildings, supply of pumps, and erection) and the other for the irrigation network (supply of pipes and valves and installation). Concerning the construction of the transmission line for the electrification of the pumping stations, the Rural Electrification Authority will be asked to prepare design and tender as soon as the location and characteristics of the stations are determined. The need for monitoring the pilot irrigation project was strongly emphasized. It was further agreed that a consultant be recruited to check the design work and to assist in formulating plans for adaptive irrigation trials and in establishing the monitoring and evaluation system. Provision for this was made in the Credit Agreement.

(b) Procurement of Pumps for Replacement of Sagias in Sohag and Menufiya

21. The procurement of pumps has been discussed with officials in the Ministry of Agriculture and Irrigation. It was agreed that the Ministry of Agriculture will assume the responsibility for the procurement. The Ministry of Irrigation (Mechanical and Electrical Department) will prepare the technical specifications. In the appraisal report it is mentioned that 4,000 small pumps will be procured of which 2,000 electrical and 2,000 diesel. However, in view of the plans for rural electrification, already approved (see para. below) it

Mr. Peter E. Naylor

March 19, 1979

is expected that at least 3/4 of the pumps will be electrified. During discussions it was agreed that the procurement of pumps should be made in two tenders. The first, will comprise about 1,000 electrical units and 500 diesel units, of which 50% will be of a discharge of 100 m³/h (to replace one only sagia) and 50% will be of a discharge of 200 m³/h (to replace more than one sagia). Provision for spare parts and repair facilities will be included in this tender. The second tender will comprise the remaining 2,500 units and it will be issued later when more accurate data on possibility for electrification and farmer's preferences will be available. Concerning the 300 larger electrical stationary pumps which will replace existing old pumps in Sohag, it was decided that the local committee should examine each case separately. Specifications and tender documents will be issued after collection of data concerning the technical characteristics of the existing pumps and the willingness of farmers to replace them with new electrical pumps.

(c) Rural Electrification

22. The construction of new electric transmission lines and the electrification of pumps has been discussed with Eng. Anwas Azouz of the Rural Electrification Authority. Mr. Azouz informed the mission that the final design and tender documents for transmission lines in Sohag is ready (together with maps showing the location of each pump to be electrified). Similar design is at the final stage of preparation for Menufiya.

23. An international tender is under preparation for the procurement of equipment and materials required for the transmission lines and connections, at an estimated cost of US\$2.6 million. The same specifications and tender documents will be used as for the ongoing power project. It was agreed that a copy of the tender documents be sent to the Bank before being issued. The Rural Electrification Authority will bear the local cost required for the lines.

(d) Technical Committee Within the Ministry of Irrigation

24. A technical committee has been established in the Ministry of Irrigation to discuss and make decisions on technical matters related to the irrigation component of the Agricultural Development Project. Members of the committee are: (1) Eng. Abdel Mohseim Azmy, Chief of the Mechanical and Electrical Department; (2) Eng. M. A. Makhoulf, Chief of Projects and Land Reclamation Department; (3) Dr. Mahmoud Abou Zeid, Director of the Institute for Water Use and Management. Dr. Abou Zeid has been nominated as representative of the Ministry of Irrigation in the Central Coordination Committee of the Agricultural Development Project.

Mr. Peter E. Naylor

March 19, 1979

E. New Lands Development - West Nubariya Project

(a) Feasibility Study

25. I was informed by Dr. Anwar Rifki, technical advisor of the Ministry of Land Reclamation, that the Interim Report on the West Nubariya Project will be submitted by ULG Consultants to the Government by mid-March 1979. The report will be reviewed by Government, Bank and ODM on April 10. A soil survey covering a gross area of 113,000 feddans is at the final stage of completion. So far some 70,000 feddans have been identified as suitable for cultivation of which 50,000 feddans are recommended for surface irrigation and 20,000 feddans for sprinkler. The interim report will include proposals covering all aspects such as engineering, agriculture and social. After approval of the interim report the consultant will proceed with the preparation of the final feasibility study which will be submitted to the Government by end of June. The final feasibility study will include detailed design and specifications for two model areas, with surface and sprinkler irrigation. Similar design will be subsequently prepared for the rest of the areas by the Ministry of Land Reclamation.

(b) Pumping Stations at Nasr Canal

26. Works on pumping stations No. 4 and 5 continue. Civil works on pumping station No. 5 have been completed and the erection of pumps has started. Civil works on pumping station No. 4 are underway. It is expected that by end 1981, the two pumping stations will be operable.

II. IRAQ (February 21-28, 1979)

A. Lower Khalis Project

(a) Progress of Work

27. The execution of the project is substantially behind schedule. Considerable delays occurred in the past due to poor management on the part of the contractors and to a shortage of cement. Although there has been recently an improvement on contractor's performance and shortage of cement is no longer a constraint, it will not be possible for the project to recoup the time lost, estimated at about one year.

28. The quality of work is, in general, good. Only some minor problems have been encountered with the compaction of embankments.

Mr. Peter E. Naylor

March 19, 1979

29. The progress of work by contract as of January 31, 1979, is summarized below:

Contract K3 (6,700 ha net)

29. The overall completion is estimated at 85% with contract time elapsed (including extensions) 118%. The main remaining works are the North Rashidya Pump Station together with two siphons; the large siphon which connects the Khalis main canal to the South Rashidya area; and some minor structures, connections, etc. Work is underway on all the above structures and it is expected to be completed by end of July 1979. This part of the project will become operable by August 1979. The contractor has been paying delay penalty since January 1979.

Contract K1 (14,300 ha net)

30. The overall completion is estimated at 28% with 78% of the contract time elapsed. Good progress has been made in excavation of open drains, road construction and land levelling. According to the contract, works should be completed by July 1979 but judging from present performance, completion of work should not be expected before July 1980.

Contract K2 (24,900 ha net)

31. The overall completion is estimated at 9% with 50% of the contract time elapsed. Satisfactory progress has been made in excavation of open drains, earth works for canals, land levelling and road construction. Works, according to the contract, should be completed by October 1980 but it is almost certain that a considerable delay will occur.

Contract K4 (KAA Headquarters and staff housing)

32. The contract has been advertised for the third time but only one offer has been received. The consultant who examined the offer suggested that it should be rejected as not being in accordance with the specifications. He further recommended that KAA should negotiate the contract directly with certain firms working in Iraq. The tender committee will decide on this issue very soon. In the meantime, 40 prefabricated houses have been ordered from abroad to cover urgent housing needs of staff.

Contract for Experimental Farm Buildings

33. The contract has been tendered and two bids have been received. The lowest evaluated bid was about 1 million dinars (\$3.3 million). In view of this high cost, the evaluation committee has suggested the cancelling of the tender. On the other hand, the Ministry of Agriculture is expanding its research program and will include in their research activities the Khalis

Mr. Peter E. Naylor

March 19, 1979

Region. In view of this fact, it has been decided that the Lower Khalis Experimental Farm should be part of the research effort of the Ministry of Agriculture and the Khalis agricultural research program be implemented in collaboration with the Ministry of Agriculture.

34. KAA will provide prefabricated houses for the staff, support staff and equipment while the Ministry of Agriculture will provide offices, laboratories and professional staff.

(b) Land Redistribution

35. No progress has been made on this issue. KAA proposals on land redistribution are still under consideration by the Government. The Director General informed the mission that a decision will be made before end of March. He recognized the importance of making an early decision but he also pointed out that most of the land needs to be leached and cultivated by KAA for 1-2 years before it can be finally delivered to the farmers.

(c) Farm Machinery

36. KAA has already procured 200 tractors, 50 combines and other implements. Offers have been received for the rest of the machinery and are under consideration. Some repair facilities exist and a new repair center will be ready by August. A training program for mechanics and machinery operations is under implementation at the training center established at Khalis. Repairmen are also being sent for training to other existing training centers in the country and abroad.

(d) Drainage Engineer

37. An agreement with FAO has been concluded for the provision of a drainage and irrigation engineer to the project who will join the FAO team. Terms of Reference have been drawn up.

(e) Training of Farmers on New Techniques

38. The Extension Service of the Ministry of Agriculture will assume responsibility for the training of farmers in the new agricultural techniques. An agriculturist with a number of technicians will be assigned to each project sub-area. The Ministry of Irrigation will undertake the responsibility for training farmers in water management. However, no concrete plans have been

Mr. Peter E. Naylor

March 19, 1979

prepared for the latter activity. The project will face in the future difficulties due to the reluctance of farmers to irrigate during the night although the irrigation system has been calculated for 24 hours operation. The use of additional irrigation equipment (gate pipes) to facilitate irrigation and the construction of small earth reservoirs to store water during the night are under study. It was also recognized that there is an urgent need to train KAA staff in supervising the application of water.

(f) Maintenance of the Irrigation and Drainage Works

39. The matter of organizing a good maintenance unit on the project was taken up with the Director General. It should be mentioned that according to the contracts, the contractors will be responsible for the maintenance of the irrigation and drainage works for one year after their completion. The Director General informed the mission that a maintenance department has been already established. The Department includes three offices, one for the maintenance of lined canals, the second for the maintenance of earth canals, drains and roads and the third for the maintenance of pumps, gates and other structures. Two engineers, together with a number of technicians, have been recruited to man the maintenance department. There is a difficulty in recruiting technical staff for the project due to the general shortage of engineers in the country. The mission suggested that one solution to the problem could be the use of technicians, graduated from intermediate technical schools to replace engineers in maintenance and irrigation supervision works.

(g) Monitoring

40. The mission suggested the establishment of a monitoring system in Lower Khalis to monitor physical and social aspects of the project. The design of such a monitoring system could be entrusted to the consultant. The KAA Director General took note of this suggestion and promised to take the necessary action.

(h) Progress Report

41. A quarterly progress report covering the period October-December 1978 is in the final stage of preparation and it will be sent to the Bank by the end of this month.

(i) Consultant Performance

42. The KAA Director General expressed the following complaints to the mission about the consultant's performance: First, the consultant is using very young engineers without, or with very little, experience in irrigation and drainage works. Second, the consultant engineers stay most of the time

Mr. Peter E. Naylor

March 19, 1979

in the office and they do not supervise the works closely during the construction period. As a result, defective works are discovered only at final acceptance, a fact that causes unnecessary delays in the execution of the project. And third, the consultant in many cases is reluctant to give his opinion or advise on technical matters. The mission recommends that this matter be discussed with the Director General during his visit to Washington and decide about the appropriate action to be taken by the Bank, if any.

(k) Management of the Project

43. The mission got the impression that the new Director General of the Khalis project is a very competent and efficient man. His attitude towards the Bank mission was positive and he was listening with attention to the mission's remarks and recommendations. He expressed to the mission his wish to visit the Bank in Washington by end of May and discuss the closing of the loan and any further cooperation between KAA and the Bank. The mission recommends that an official invitation be extended to him through the Ministry of Planning.

cc: Messrs. Paijmans, Kwaku, Kopp, Swayze(EM1); Haynes, K. Jones, French-Mullen, Merghoub, Frank, Khorana(EMP); van der Tak(3)(PAS); Yudelman(2)(AGR), Krishna(LEG), Hakim(CTR), Subramanian(CTR), Robless(PAB), Kordik(2)(OED), Siebeck, Njomo(EM2), Bose, Hing, Sands, Rehman, Schwenneker(EMP)

PEconomides/mcg

Arab Republic of Egypt
Bank Drainage Projects
Work Progress During 1978

	TOTAL WORK	End 1977	1st Quarter		2nd Quarter		3rd Quarter		4th Quarter		Total 1978	
		Cumulative	During Quarter	Cumulative	During Quarter	Cumulative	During Quarter	Cumulative	During Quarter	Cumulative	Achieved	Target
<u>Remodelling Open Drains</u>												
					-feddans-							
Mile Delta I	860,000	785,000	55,000	840,000	23,000	863,000	9,000	872,000	37,000	909,000	124,000	75,000
Upper Egypt I	300,000	206,000	14,000	220,000	7,000	227,000	11,000	238,000	12,000	250,000	44,000	94,000
Upper Egypt II	500,000	89,000	5,000	94,000	26,000	120,000	12,000	132,000	27,000	159,000	70,000	131,000
Mile Delta II	800,000	---	---	---	---	---	41,000	41,000	20,000	61,000	61,000	40,000
TOTAL	2,460,000	1,080,000	74,000	1,154,000	56,000	1,210,000	73,000	1,283,000	96,000	1,379,000	299,000	340,000
<u>Installation Field Drainage</u>												
Mile Delta I	950,000	604,000	24,000	628,000	30,000	658,000	35,000	693,000	42,000	735,000	131,000	140,000
Upper Egypt I	300,000	85,000	11,000	96,000	11,000	107,000	7,000	114,000	8,000	122,000	37,000	50,000
Upper Egypt II	500,000	---	1,000	1,000	3,000	4,000	2,000	6,000	2,000	8,000	8,000	10,000
Mile Delta II	400,000	---	---	---	---	---	---	---	---	---	---	---
Mile Delta III	600,000	---	---	---	---	---	---	---	---	---	---	---
TOTAL	2,750,000	689,000	36,000	725,000	44,000	769,000	44,000	813,000	52,000	865,000	176,000	200,000

NB: Area provided with field drainage outside Bank projects during 1978: 19,000 fed.

March 1979

EGYPTDrainage ProjectsQuantities of Cement Requested and Received by EPADP

<u>Month</u>	<u>Quantity Requested tons</u>	<u>Quantity Received tons</u>
January	16,350	9,486
February	12,800	7,496
March	16,000	11,897
April	15,755	12,706
May	15,700	11,827
June	19,000	6,468
July	20,200	11,500
August	20,750	7,492
September	21,200	9,234 *
October	17,000	17,989 *
November	19,000	23,539 *
December	19,000	14,159 *
<u>TOTAL</u>	<u>212,755</u>	<u>143,793</u>

(*) Including cement received from Romania through IDA funds.

March 1979

TRT
EGT Water Master Plan
EGT 1439/1440/1719

BOOK OF TWO

1) PENNACCHIO
UNDEVPRO
Cairo, Egypt

TRT/TLX
~~DP 92034 UN~~
Telex No. 927 0234 92034 DP UN

2) SARWAT/DURRANT
INTERNATIONAL BUSINESS ASSOCIATES
Cairo, Egypt

927-
Telex No. 92548 WWH UN

TRT TX

END
OF
TEXT

APR 11

3/19/79
72601

TRJ

ADDRESSED PENNACCHIO UNDEVPRO CAIRO AND MESSRS. SARWAT/DURRANT, EXWAP, CAIRO. RE EGY/73/024 WATER MASTER PLAN. REFERENCE HE MINISTER OF IRRIGATION REQUESTS DURING TRIPARTITE MEETING AND DURRANT TELEX 021 TO NAYLOR DATED MARCH FOURTEEN REF UTILIZATION IDA FUNDS FOR CERTAIN LOCAL COSTS. AAA IDA FUNDS UNDER CREDIT 719EGT ARE NOT DISBURSED SEPARATELY FROM UNDP FUNDS AND ARE TREATED THE SAME. IF UNDP/BANK AGREE PROJECT WORK CAN SUCCESSFULLY BE PERFORMED USING LOCAL RESOURCES, THESE FUNDS CAN BE USED TO FINANCE LOCAL COSTS OF SPECIAL WORK UNDERTAKEN BY LOCAL AGENCIES. BANK FEELS THAT SINCE COMPETENT LOCAL EXPERTISE DOES EXIST IT IS PREFERABLE TO ENTERING INTO FOREIGN CONTRACTS AND SHOULD BE USED. WE MOST GRATEFUL UNDP OPINION ON THIS. BBB AS DISCUSSED WITH PROJECT COMANAGER, BANK WOULD NOT OBJECT TO REALLOCATING USDOLLARS 50,000 UNALLOCATED FUNDS UNDER CREDIT 719EGT TO INCREASE CONTRIBUTION TO PROJECT. SINCE ADDITIONAL FUNDS NEEDED FOR EQUIPMENT HOWEVER WE STRONGLY SUGGEST THAT EPADP BE REQUESTED TO PROCURE THIS EQUIPMENT UNDER THEIR STANDARD PROCEDURES FOR THIS PROJECT AND TRANSFER EQUIPMENT TO WATER MASTER PLAN AS PART OF GOVERNMENT IN KIND CONTRIBUTION. REGARDS NAYLOR/SMITH. INTBAFRAD

EGYPT - Water Master Plan

cc: Messrs. M. Smith and Hodges Peter E. Naylor, Chief, EMPA4

yellow

The World Bank / 1411 H Street, N.W., Washington, D.C. 20433, U.S.A. • Telephone: (202) 477-1234 • Cable: INTERNATIONAL

March 13, 1979

EGT 0393

EGT 1439/1440/1477

EGT 1285/4637

EGT 0181

Mr. Ahmed Fahmy
Chairman
Egyptian Public Authority for
Drainage Projects
5A El Gohsiny Street
Dokki-Giza
Cairo, Egypt

Dear Mr. Fahmy:

Reference is made to your two letters of March 3, 1979, handed to Mr. Peter Naylor together with the four progress reports for the quarter ending December 31, 1978.

We have noticed that there are some discrepancies between the revised catchment areas given in the reports and the areas shown in the tables prepared on the basis of data furnished by Mr. Anis Neguib.

We will be grateful if you would kindly check these tables (copies attached) and after making the appropriate corrections, send them back to us. As we are mentioning in our letter of November 16, we are preparing new maps showing the areas under each project and we would like to be sure that these areas are the correct ones.

With kind regards.

Sincerely yours,



Paris Economides
Agriculture Division IV
Europe, Middle East and
North Africa Projects Department

Attachment

cc: Progress Report File

PEconomides/mcg

TABLE 2

ARAB REPUBLIC OF EGYPT

Nile Delta Drainage II Project

Revised Project Areas

Symbol	Catchment Area	Total Area		Remodelling Open Drains		Field Drainage		Remarks
		Appraisal	Proposed	Appraisal	Proposed	Appraisal	Proposed	
		-----Feddans-----						
A. <u>Eastern Delta</u>								
OE 4	Bahr Saft	105,000	105,000	30,000	30,000	--	--	To be executed under Dutch loan Shifted to Nile Delta I
OE 5	Kassaby	88,000	88,000	49,000	49,000	--	--	
OE 6	El Arim	60,000	60,000	60,000	60,000	--	--	
OE 7	Bahr Saft Ext	41,000	--	41,000	--	41,000	--	
OE 8	Belbis	20,000	--	20,000	--	20,000	--	
OE 9	Kharaka	22,000	22,000	22,000	22,000	--	--	
OE 10	Nizam PS	45,000	45,000	45,000	45,000	45,000	45,000	
OE 11	El Aid	28,000	28,000	28,000	28,000	28,000	28,000	
OE 12	Bany Ebid	53,000	53,000	53,000	53,000	--	--	
	Subtotal	462,000	401,000	348,000	287,000	134,000	73,000	
B. <u>Middle Delta</u>								
IV	P.S. No. 5	25,000	75,000	25,000	75,000	25,000	75,000	50,000 fed shifted from Nile Delta I
XI	Upper No 9 - Nashart	120,000	120,000	120,000	120,000	120,000	120,000	
XII	Mehalla El Kobra	43,000	43,000	43,000	43,000	43,000	43,000	
ONM 1	Upper No 1	45,000	45,000	45,000	45,000	--	--	
ONM 2	P.S. No 4	49,000	49,000	49,000	49,000	--	--	
	Subtotal	282,000	332,000	282,000	332,000	188,000	238,000	
C. <u>Western Delta</u>								
XIII	Derawa	15,000	15,000	15,000	15,000	15,000	--	Low priority, shifted to Nile Delta III
XIV	Delingat Ext	14,000	14,000	10,000	1,000	14,000	14,000	
XV	Abu Hommos	46,000	46,000	46,000	46,000	46,000	46,000	
OW 2	Troga	105,000	105,000	43,000	43,000	--	--	
OW 3	Sidi Issa	46,000	46,000	36,000	36,000	--	--	
OW 4	Sidi Issa Ext	30,000	30,000	30,000	30,000	--	--	
X	Shereshra	--	29,000	--	--	--	29,000	Area shifted from Nile Delta I
	Subtotal	256,000	285,000	180,000	180,000	75,000	89,000	
	TOTAL	1,000,000	1,018,000	810,000	799,000	397,000	400,000	

EGT 1285/4637

EGT 1439/1440/4719

EGT 4393

March 12, 1979

Dear Samir:

Attached is a copy of the proposed amendments to the Drainage Project Agreements which Bank staff have discussed with the Government. I am particularly pleased that the new monitoring and evaluation program is now underway. With such an enormous investment, it is vitally important that we all have a close reading on the effectiveness and impact of the drainage programs.

With best regards,

Sincerely yours,

Martijn J. Paijmans

Martijn J. W. M. Paijmans
Director

Country Programs Department 1
Europe, Middle East and North Africa Region

Attachment

Mr. Samir Koraiem
Undersecretary
Ministry of Economy, Foreign Trade
and Economic Cooperation
8 Adly Street
Cairo
Arab Republic of Egypt

TSwayze:mdc

March 9, 1979

Mr. Ahmed Fahmy
Chairman
Egyptian Public Authority for
Drainage Projects
5A El Goheiny Street
Kokko-Giza
Egypt

Lu 1439/40 / 6719-EGT^S ✓
OFFICIAL DOCUMENTS / 637-EGT^S
21225 / 6393-EGT^S

Dear Mr. Fahmy:

Re: Amendments to Project Agreements for
(i) Nile Delta Drainage II Project,
(ii) Upper Egypt Drainage II Project,
and (iii) Upper Egypt Drainage Project

1. I refer to the discussions that the recent IDA/IBRD supervision mission has had with you regarding amendment to the following provisions of the Project Agreement for Nile Delta Drainage II Project:

- (i) Section 2.06 re: evaluation of the effect of drainage works;
- (ii) Section 2.07 re: study of the ability of the beneficiaries of the drainage works to pay for the investment, operation and maintenance costs;
- (iii) Section 3.03 re: training program; and
- (iv) Section 4.03 re: the establishment of the cost accounting system for the Authority.

2. In this connection, we propose the following amendments to the said sections and consequential amendments to other Project Agreements mentioned above:

(i) "Section 2.06. (a) Except as the Association and the Bank shall otherwise agree, the Authority, in respect of selected areas, shall furnish to the Association and the Bank: (i) not later than February 28, 1979, an initial report, and thereafter, semiannual progress reports until December 31, 1980, on Authority's ongoing crash program for evaluating the effects of

completed drainage works under the Projects and other projects of the Borrower on crop yields; (ii) not later than February 29, 1980, an interim report on the said program; (iii) not later than February 28, 1981, a final report on the findings of the said program; (iv) not later than June 30, 1979, an initial report, and thereafter, semiannual reports until June 30, 1984, on the Authority's on-going long-range program for evaluating the effects of completed drainage works under the Projects and other projects of the Borrower on crop yields; and (v) not later than November 30, 1984, a final report on the findings of the said long-range program.

"(b) Section 2.08 of the Project Agreement (Upper Egypt Drainage II Project) between the Bank, Association and the Authority of June 11, 1976, is amended to read as provided in Section 2.06 (a) of this Agreement."

(ii) Section 2.07 is amended by deleting the date set forth therein and by substituting the date "December 31, 1979" therefor.

(iii) "Section 3.03 (a) The Authority shall, as and when necessary, carry out training programs for its supervisors and technicians and the extension agents of the Ministry of Agriculture in drainage practices and maintenance. Prior to carrying out any such program the Authority shall furnish to the Association and the Bank the details thereof for their review and comments.

"(b) Section 3.03 of the Project Agreement (Upper Egypt Drainage Project) between the Association and the Authority of June 8, 1973, and Section 3.03 of the Project Agreement (Upper Egypt Drainage II Project) between the Bank, the Association and the Authority of June 11, 1976, are each amended to read as provided in Section 3.03 of this Agreement."

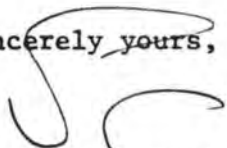
(iv) "Section 4.03. (a) The Authority shall, not later than December 31, 1979, or such other date as may be agreed between the Association, the Bank and the Authority, establish, and thereafter, maintain a cost accounting system, satisfactory to the Association, the Bank and the Authority, for its operations.

"(b) Section 4.03 of the Project Agreement (Upper Egypt Drainage Project) between the Association and the Authority of June 8, 1973 and Section 4.03 of the Project Agreement (Upper Egypt Drainage II Project) between the Bank, the Association and the Authority of June 11, 1976, are each amended to read as provided in Section 4.03 of this Agreement."

3. If you agree with these proposals please signify your agreement by signing the attached copy of this letter and returning it to us.

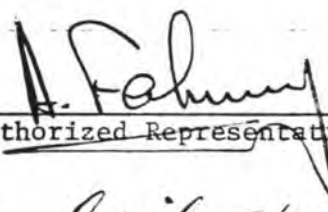
4. In view of his interest in this matter, I am sending a copy of this letter to Mr. Samir Koraïem, Undersecretary of the Ministry of Economy, Foreign Trade and Economic Cooperation.

Sincerely yours,


Martijn J. W. M. Paijmans
Director, Country Programs I
Europe, Middle East and North Africa Region

Confirmed:

EGYPTIAN PUBLIC AUTHORITY FOR
DRAINAGE PROJECTS

By 
Authorized Representative

Date: April 15 / 1979

cc: Mr. Samir Koraïem

Class of Service: **TELEX**Date: **March 8, 1979**Telex No.: **DELTATILE**Originators Ext: **74515**

12

10

0 START
HERE

1 TO

AHMED FAHMY, CHAIRMAN

CITY/COUNTRY

MESSAGE
NO.:**DELTATILE, CAIRO, EGYPT. RECREDIT/LOANS 719/1439-40-EGT AND YOURLET****MARCH 3 WITH TENDER DOCUMENTS FOR PROCUREMENT 10,000 TONS REINFORCE-****MENT STEEL BARS. IDA HAS NO OBJECTION TO YOUR ISSUANCE TENDER. YOU****MAY WISH TO CONSIDER FOLLOWING POINTS: AAA CLARIFYING PARA 7****CHAPTER II ON DELAY IN DELIVERY BY USING SAME LANGUAGE AS IN****SUGGESTED ADDENDUM OF TENDER FOR CEMENT. BBB POSTPONING DATE OF****OPENING SINCE APRIL 10 SEEMS UNREALISTIC. A CLASSIFIED NOTICE FOR****THIS TENDER WILL BE SENT TO UN DEVELOPMENT FORUM. PLEASE FURNISH****TWO COPIES OF THE TENDER DOCUMENTS AS ISSUED AND CABLE DATES OF****ADVERTISING AND BID OPENING. REGARDS NAYLOR INDEVAS**21 END
OF
TEXT

NOT TO BE TRANSMITTED

SUBJECT:

EGYPT: Cr./Loans 719/1439-40

DRAFTED BY:

PEconomides/mcg

CLEARANCES AND COPY DISTRIBUTION:

Cleared and cc: Mr. Schwenneker(EMP) Mr. Peter E. Naylor**cc: Messrs. Swayze(EM1),
Hakim(CTR)****Chief, EMPA4**SECTION BELOW FOR USE OF CABLE SECTION
CHECKED FOR DISPATCH

EGT 1439/1440/4719

The Egyptian Public Authority For Drainage Projects

5(a) Elgoheiny Street, Dokki, Giza.

Chairman's Office

recd 3/7/79

Mr. Peter Naylor, Chief,
Agriculture Division IV,
EMENA Projects Department,
International Development Association,
1818 H Street, N.W.,
Washington, D.C., 20433, U.S.A.

Re: Credit and Loans 719/1439/1440 EGT.

Dear Mr. Naylor:

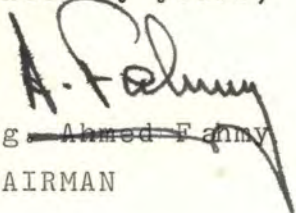
Reference is made to Credit and Loans 719 /1439 /1440 EGT
and your cable of January 8 th, 1979 approving the procure-
ment of 10000 tons of reinforcement Steel Bars.

Enclosed please find two copies of the tender document for
your reviewal.

Upon receipt of your comment or confirmation we shall issue
the invitation for bidding.

With our kindest regards.

Sincerely yours,


Eng. ~~Ahmed Fahmy~~
CHAIRMAN

EMENA	
AGRICULTURE DIVISION IV	
Rec'd 3/7	No. 170
Assigned to PH / Economides	
Action required CABLE	
SENT 3/8/79 ECONOMIDES	
Filing Instructions:	
Project Sec. Informed:	
Egypt - Delta II	
Project Name	
Loan/Credit No.	
719/1439/1440 EGT	

ARAB REPUBLIC OF EGYPT
EGYPTIAN PUBLIC AUTHORITY
FOR DRAINAGE PROJECTS
5 a Elgoheiny St. Dokki Giza
Cable Address: Deltatile Cairo.
Chairman's Office

recd. 3/7/79
EUT W. 181
EUT W. 273
EUT W. 1215/1009
EUT W. 1439/1440/1119

AGRICULTURE DIVISION IV	
Rec'd	3/7 N 102
Assigned to	PN/ Economides
Action required	Nil
Filing Instructions	
Project Sec. Instructions	
Project Name	Egypt - Drainage Projects
Loan/Credit	

Mr. Peter Naylor,
Chief Agriculture Division,
Europ, Middle East, North
Africa Projects Department,
International Bank for
Reconstruction and Development,
1818 H Street, N.W.,
Washington DC 20433 U.S.A.

Dear Mr Naylor,

Reference is made to your letter dated November 30, 1978.
Some points of this letter required this period of time in
order to obtain the relevant data:

1- Maintenance :

The responsibility of maintenance of main drains serving
areas already provided with tile drainage networks is
already assigned to the Authority as from January 1, 1979.

Closer collaboration with the Extension Service has been
realized, the training of extension agents covered the
water management techniques, which include the proper
application of irrigation water starting from the canal
upto the drain. The Authority also advertised for the
tender for the supply of extension equipment, bids are
now under evaluation.

ARAB REPUBLIC OF EGYPT
EGYPTIAN PUBLIC AUTHORITY
FOR DRAINAGE PROJECTS

5 a Elgoheiny St. Dokki Giza
Cable Address: Deltatile Cairo.

Chairman's Office

2- Evaluation:

I am in full agreement about the importance of the evaluation of the drainage projects.

Since January 1, 1978, I put my full personal support for urging the drawing up of the evaluation program. A new committee for evaluation was formed in April 1978. Since the committee convenes on regular sessions.

The Drainage Institute was requested to perform field research on the optimal depths of field drains in paddy and sugar cane fields, these are expected to be much less than the depth now applied, which was the result of investigations on the majority of other field crops prevailing in the Egyptian farm. The same institute was also requested to perform a study on the grading of gravel filter for the different types of soil. This study was completed and the results are now under evaluation. Another study of the filter is now assigned to the Institute in order to investigate the following:

- Effect of the geometry on the functioning of the gravel filter.
- Testing of various types of synthetic and woven wraparound filters under the Egyptian environmental conditions, for possible adapting suitable types to be used with trenchless pipe laying machines.

3- Implementation of Tile Drainage Networks:-

Despite the efforts done throughout the year 1978 in various channels to raise the implementation rates, in view of which a much better result was anticipated, yet the drastic and fatal shortage of cement supplies

ARAB REPUBLIC OF EGYPT
EGYPTIAN PUBLIC AUTHORITY
FOR DRAINAGE PROJECTS

5 a Elgoheiny St. Dokki Giza

Cable Address: Deltatile Cairo.

Chairman's Office

from the Ministry of Housing during the second half of the year caused a lot harm, Thanks to the contract for supply of 75000 tons of cement, financed under credit 393 Egt, otherwise the drainage work could have been completely suspended for about six months. Measures were taken to avoid a similar situation in future.

Faster conversion to plastic lateral pipes will secure the continuity of progress. I also hope that the concentrated measures taken in 1978 for the procurement of the further equipment will improve the progress as from the second half of 1979.

4- Nile Delta II Project :

- A) Pumping Stations:- Tender documents were revised by the IDA and will be advertised during February 1979.
- B) Equipment for the Remodelling of open Drains:- Tender documents for the supply of excavators and vehicles will be sent to IDA during February 1979 for comment.
- C) In reply to our contracts, the KfW delegation is scheduled to arrive in Cairo in the near future for finalizing the agreement for financing the plastic pipe production units. In view of the meeting outcome, an application will be submitted to IDA to extend the date of signing the agreement upto the date which will be fixed therefor.

5- Contract with Cincinnati Milacron Co:-

Letter of credit for the supply and erection of the plastic pipe factories was opened during December 1978, immediately after receiving the approval of the U.S.A. ID to confirm the same.

ARAB REPUBLIC OF EGYPT
EGYPTIAN PUBLIC AUTHORITY
FOR DRAINAGE PROJECTS

5 a Elgoheiny St. Dokki Giza

Cable Address: Deltatile Cairo.

Chairman's Office

6- Gravel Crushers:-

The study of the filter performed by the Drainage Institute as referred to herein above is now under evaluation by a committee assigned to this purpose.

The committee has recommended the measures to be taken to secure making the optimal benefit of the crusher.

7- Cost Accounting:-

The Authority advertised for permanent positions of cost accountants, 23 accountants were selected after the interview. These accountants will provide necessary accountancy information and data for the accountancy office which will be assigned by the Authority for organizing the cost accounting and for training the Authority's staff members.

Finally I like to express my thanks to you and to the members of your mission whose views were very helpful and constructive.

With Kindest regards.

Sincerely yours


Eng. Ahmed Fahmy
Chairman

LCIT 24181
The Egyptian Public Authority For Drainage Projects

LCIT W 393
LCIT W 135/1979
LCIT W 123/1979
Date March 4, 1979

Mr. Peter Naylor,
Chief, Agriculture Division IV,
EMENA Projects Dept.,
1818 H. Street, N.W.,
Washington, D.C. 20433
U.S.A.

EMENA	
AGRICULTURE DIVISION IV	
Rec'd 3/7	No 164
Assigned to PN/ Economides	
Action required NIL	
3/12/79	
Filing Instructions:	
Project Sec. Informed:	
Project Name Egypt Drainage Projects	
Loan/Credit No. November 16,	

Dear Mr. Naylor,

Reference is made to your letter dated November 16, 1978 and the discussions with the Bank's Supervision mission during February 1978 regarding the overall drainage program in Egypt.

Due to the shortage of cement the implementation rates were much harmed during the second half of 1978 . We do not foresee such problems in future, thanks to the fast in conversion to plastic pipes, but we agree to the total areas scheduled to be tile drained yearly as indicated in year proposed revised program (November 1978).

A similar up-dating of the schedule for remodelling of open drains was also done, within close limits to those proposed.

att
Please find attached the proposed schedule for your review and comment.

With my best regards,

Sincerely yours,

Eng. Ahmed Fahmy
Chairman

Revised Drainage Program

February 1978

Areas in 000' Fedds

	Completed upto 1978	1979	1980	1981	1982	1983
<u>Remodelling Open Drains:</u>						
Nile Delta I	909	36	-	-	-	-
Upper Egypt I	267	33	-	-	-	-
Upper Egypt II	159	174	130	130	27	-
Nile Delta II	70	120	250	360		
Sub Total		363	380	387		
Other		37	120	113		
Total		400	500	500		
<u>Tile Drainage:-</u>						
Nile Delta I	734	170	46	-	-	-
Upper Egypt I	122	97	81	-	-	-
Upper Egypt II	9	3	128	160	160	40
Nile Delta II	-	-	45	140	160	55
Sub Total		270	300	300	320	95
Other		30	20	20	-	225
Total		300	320	320	320	320

Tile Drainage

Areas in 000' Fadds

Period or Year	Nile Delta		Upper Egypt		
	I	Other	I	II	Other
70 - 74	250	6	-	-	131
75	80	-	11	-	33
76	133	19	34	-	14
77	144	20	45	-	16
78	130	15	37	9	4

Date March 3, 1979

Mr. Peter Naylor,
Chief, Agriculture Division IV,
EMENA Projects Dept.,
1818 H. Street, N.W.,
Washington, D.C. 20433
U.S.A.

EMENA	
AGRICULTURE DIVISION IV	
Rec'd 3/7	No 168
Assigned to PK/Economists/	
May (They please mark up Progress Report file)	
Action required	
ACKNOWLEDGED 3-13-79	
Filing Instructions	
Project Sec. Information	
Project Name Egypt-Delta I+	
Letter dated November	
Loan/Credit No.	

Dear Mr. Naylor,

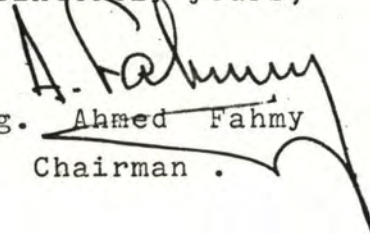
Reference is made to your letter dated November 16, 1978 and to the discussion with the Bank's mission in February, 1979 concerning the changes in the project area of Nile Delta I and II projects. The revised area and subsequent maps are included in the progress reports for the quarter ending Dec., 31, 1978 for the two projects. A copy of each report is hereby enclosed.

As indicated in the report, the remodelling works already completed under, Nile Delta I project are still reported under the same project, despite the fact that the implementation of the tile drainage work for the same areas will be shifted to Nile Delta II. Project, e.g. P.S. No 5 catchment area in Mid-Delta and Shereshra P.S. catchment area. The remodelling of open drains for the new areas added under NDI Project is also included under the same Project. This resulted in the increase of the total open drain remodelling works under NDI Project to 945 000 Feddans, 104 000 feddan of which will be tile drained under NDII Project phase 1, and 61 000 feddans under NDII Project phase 2. Thus the remodelling works under ND I Project will be continued and completed during this year 1979.

2.

Note-worthy stating, the remodelling works completed upto Dec., 31, 1978 in ND I Project amount to 909 000 feddans, i.e. exceed the 860 000 feddan already projected.

Sincerely yours,


Eng. ~~Ahmed~~ Fahmy
Chairman .

" E "

Ministry of Economy
and Economic Cooperation

OFFICIAL
DOCUMENTS

LOANS - 1439 EGT / 1440⁴ EGT
CR - 719 EGT ✓

Mr. Koepp
I.B.R.D.
Washington D.C.

Cairo, March 1st, 1979

Re: Authorized Signature Credit 719 EGT
Loans 1439 EGT & 1440 EGT
(Nile Delta Drainage II Project).

Dear Mr. Koepp,

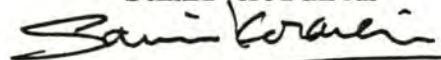
Reurtlx Jan 25, 1979 concerning the authorized persons designated to sign withdrawal applications of the above mentioned loans.

Please find enclosed herewith the specimen signature of Ministry of Health, the signatures of Drs: Al-Motaz Billah Mobarak Under-Secretary of State Ministry of Health and Dr. Osman Mahmoud El-Zimaity Executive Director, Upper Egypt Bilharzia Control Program.

~~FOR~~ Ministry of Agriculture, the signatures of :
~~Mrs~~ Mohamed Mahmoud El-Salhy First Under Secretary and Mr. Ibrahim Imam El Ghatawary First Under Secretary of State Ministry of Agriculture.

Best regards.

Samir Koraiem

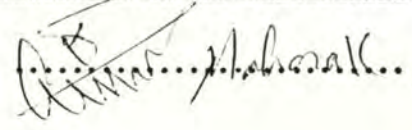
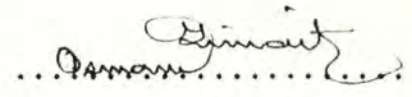


Under Secretary

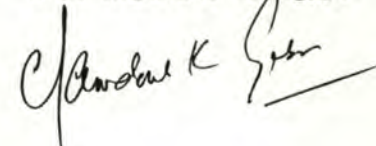
ARAB REPUBLIC OF EGYPT
Ministry of Health
Upper Egypt Bilharzia Control Program

Program Specimen Signatures
Of

Those authorized to sign withdrawal applications
Under the credits 393, Egypt, Credit/Loan 637/1285 Egypt

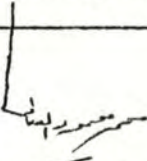
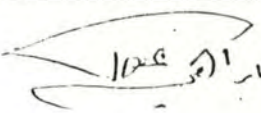
No.	N a m e	Position	Signature
1.	Dr. Al-Motaz-Billah Mobarak	Under-Secretary of State, Ministry of Health, Co-ordinator.	
2.	Dr. Osman Mahmoud El-Zimaity	Executive Director, Upper Egypt Bilharzia Control Program.	

(Prof. Dr. M. Gabr),
Minister of Health
Arab Republic of Egypt



وزارة الزراعة

من لهم حق التوقيع على طلبات السحب فيما يخص وزارة الزراعة
من قروض البنك الدولي الخاصة بمشروعات الصرف المعطى

الاسم	الوظيفة	التوقيع باللغة العربية	التوقيع باللغة الانجليزية
محمد محمود الصالحى	وكيل أول الوزارة		Mohamed Salhi
ابراهيم امام فتورى	وكيل أول الوزارة		Imam Fatury

تحريرا فى ١٩/٢/١٩٧٩

Telex

February 23, 1979
6-1123

Fe/TT

EGT Wm 1285/624

EGT Wm 1429/1440/719

MINISTRY OF HEALTH,

CAIRO, EGYPT

FOR INFORMATION DR A MOARAK UNDERSECRETARY STOP REURTELEX FEBRUARY
20 RELATING LETTERCREDIT 50344 STOP HAVE NOT YET RECEIVED APPLICATION
FROM OUR BORROWER TO ISSUE AGREEMENT/REIMBURSE INDEVAS

719 EGT - General, 637 EGT - General

Mr. Prudence; Mr. Hakim; Pending

GVIVODA/csg

Thomas Mitchell
Thomas Mitchell

Controller's

m

ROUTING SLIP

DATE: 3/14

NAME

ROOM NO.

~~Mr. Abu Akeel~~

~~N 619~~

Mr. Economides, please send the letter in

the attached form - would you also send me

back the attached letter of Damage Authority

together with a copy of our letter after being sent.
ABU-Akeel

APPROPRIATE DISPOSITION

NOTE AND RETURN

APPROVAL

NOTE AND SEND ON

☒ CLEARANCE

PER OUR CONVERSATION

COMMENT

PER YOUR REQUEST

FOR ACTION

PREPARE REPLY

INFORMATION

RECOMMENDATION

INITIAL

SIGNATURE

NOTE AND FILE

URGENT

REMARKS:



FROM:

Economides

ROOM NO.:

B 704

EXTENSION:

74515

ARAB REPUBLIC OF EGYPT
EGYPTIAN PUBLIC AUTHORITY
FOR DRAINAGE PROJECTS

5 a Elgoheiny St. Dokki Giza

Cable Address: Deltatile Cairo.

Chairman's Office

Mr. Peter Naylor, Chief,
Agriculture division IV,
Middle East, Europe and North Africa projects department,
International Development Association,
1818 H street, N.W.,
Washington, D.C., U.S.A.

Re: Credit 719 EGT.

Dear Mr. Naylor:

Reference is made to Article V, Section 5.01.,
Para (c) (i) as amended of the Development Credit Agreement
(Nile Delta Drainage II Project) Credit Number 719 EGT.

We wish to inform you that we have received a
cable dated 13 / 2 / 1979 from KFW which reads; " Drainage
Project Nile Delta II please be informed that we expect in
near future our government decision on our appraisal report
and proposal for DM 100 million loan ".

We kindly request your consideration for
another extension of the effective date upto June 30, 1979.

With our kindest regards,

Sincerely yours,

Eng. Ahmed Fahmy,
Chairman.

EGT 1439 / 1440 / 14719

AGRICULTURE DIVISION IV
Rec'd 3/19 / 173
Assigned to / Economics
February 20, 1979.
Action required
Filing Instructions:
Project Sec. Informed:
Project Name Egypt - Nile Delta II
Loan/Credit 719

AGRICULTURE DIVISION IV
Rec'd No
Assigned to
Action required
Filing Instructions:
Project Sec. Informed:
Project Name
Loan/Credit

Helen
Please copy to Programs
Rev. 3/10/79

WORLD BANK / IFC
OUTGOING MESSAGE FORM
(TELEGRAM/CABLE/TELEX)

EGT Ln 1285/637
EGT 1439/1440/719

☐ IBRD
☐ IDA
☐ IFC
☐ ISID

TO:

DATE: FEB. 13, 1979

ORIGINATOR'S EXT.: 676-1122

COUNTRY:

CLASS OF
SERVICE:

CABLE NO. & TEXT:

BOOK OF TWO (SEE ATTACHED TEXT)

- 1) DEUTSCHE BANK
LEVERKUSEN, GERMANY
TELEX 8510828 DBLV D

- 2) MINISTRY OF HEALTH
CAIRO, EGYPT

HC
927-93836 MHPF TRT
Telex

NOT TO BE TRANSMITTED

REFERENCE:	AUTHORIZED BY (Name):
DRAFTED BY:	DEPARTMENT:
CLEARANCES AND COPY DISTRIBUTION:	SIGNATURE (of individual authorized to approve): <i>[Signature]</i>
	SECTION BELOW FOR USE OF CABLE SECTION
	CHECKED FOR DISPATCH:

TELEX

FEBRUARY 13, 1979
676-1122

MINISTRY OF HELTH, CAIRO, EGYPT FOR INFORMATION DR. MOBARAK
UNDERSECRETARY STOP REURTELEX FEBRUARY 9 TODATE WE HAVE NOT
RECEIVED OUR BORROWER'S REQUEST TO ISSUE OUR QUALIFIED AGREEMENT
TO REIMBURSE RELATING TO LETTERCREDIT 50344/MD10 DM 792,371.98
NOR HAVE WE RECEIVED REQUEST TO INCREASE SAID ELCEE BY
DM 63,424.71 AND APPROVE EXTENSION VALIDITY DATE TO DECEMBER 1,
1980 STOP WE ARE COPYING THIS TELEX TO OUR BORROWER TO EXPEDITE
INDEVAS

Credits 637 EGT & 719 EGT-General

cc: Mr. Prudence and Mr. Hakim

Pending

ENHAKIM/af

Thomas Mitchell
Thomas Mitchell

Controller's *Jan*

TELEX/LT
2222

February 12, 1979 92354
76061

927-92222

EGT-Ln 128/637

~~EGT 1439/1440/719~~

EGT-Cr 181

EGT-Cr 393

PARIS ECONOMIDES, WORLD BANK STAFF, HILTON, CAIRO, EGYPT
NOTES PLANS VISIT EGYPT FEBRUARY 22-25 SPENDING FIRST TWO DAYS WITH
EXWAP AND LAST TWO WITH EPADP AND DRAINAGE RESEARCH INSTITUTE AND
MAKING FIELD TRIP. CONCERNED THAT BANK MAY BE OVERLOADING DRAINAGE
PEOPLE WITH TOO MANY VISITORS AND WOULD BE GRATEFUL YOUR URGENT
CABLED AFFIRMATION THAT THEY WOULD BE WILLING TO RECEIVE HIM ON
THESE DATES AND EMPHASIZING TO THEM HIS STATUS WITHIN BANK.

REGARDS NAYLOR

EGYPT Drainage Projects

PNaylor/hm

Peter E. Naylor

Chief, EMPA4

325 HOMER UN (12/1/78)

WORLD BANK WASHINGTON DC

CAIRO 5/2/78

TWO FOR NAYLOR. FOLLOWING DATA HAVE RECEIVED FROM EPADP TODAY
AAA AREAS REMODELED FOURTH QUARTER AND TOTAL YEAR, NILEDELTA ONE
35700, 123700 UPPER EGYPT ONE 11200, 45500 UPPER EGYPT TWO
27200, 70100 NILEDELTA TWO 19900, 60700 TOTAL 95100, 301100.
BBB FIELD DRAINAGE FOURTH QUARTER AND TOTAL YEAR, NILEDELTA
ONE 41500, 130500 UPPER EGYPT ONE 2200, 37000 UPPER EGYPT TWO
2400, 8600 TOTAL 52400, 176100.

SHORTAGE OF CEMENT WAS MAIN REASON FOR POOR PERFORMANCE. OUT
OF 212 THOUSAND TONS REQUESTED EPADP RECEIVED 150 THOUSAND TONS
ONLY INCLUDING CEMENT PROCURED FROM ABROAD.

REGARDS ECONOMIDES

440098 WORLD BANK

325 HOMER UN

AAA

Quarter
95100

Year
301,100

BBB

52400

176100

AGRICULTURE DIVISION 19
Re'd. 2/6/78 97
Assigned to Naylor
Action required
Filing Instructions:
Project Sec. Information:
File Name Egypt
Project No

Class of Service: LTDate: 2/11/7975374

Telex No.: _____

Originators Ext.: _____

12

10

EGT 1439/1440/719

0 START
HERE
1 TO

DELTATILE, CAIRO, EGYPT

CITY/COUNTRY

FOR AHMED FAHMY, CHAIRMAN. RECREDIT/LOAN 719/1439-40-EGT.

MESSAGE
NO.:

UNDERSTAND OURCAB JANUARY 8 REGARDING PROCUREMENT NOT RECEIVED.

REPEATING CABLE QUOTE BANK HAS NO OBJECTION TO PROCUREMENT

10,000 TONS REINFORCED STEEL BARS FOR HYDRAULIC STRUCTURES AND

PUMPING STATIONS UNDER NILE DELTA TWO PROJECT. PLEASE SEND

SPECIFICATIONS FOR APPROVAL BEFORE TENDERING. SPECIFICATIONS

SHOULD INCLUDE METHOD OF EVALUATING DELIVERY SCHEDULE AND BASIS OF

BID, FOB OR CIF. IT WILL BE NECESSARY FOR NOTICE OF PROPOSED

PROCUREMENT BE FURNISHED TO MAJOR STEEL FIRMS IN MEMBER COUNTRIES.

TENDERERS MAY BE ALLOWED TO SUBMIT OFFERS BY CABLE OR TELEX. FOR

REASONS EXPLAINED IN YOUR LETTER HAVE NO OBJECTION YOU PROCEEDING

TO AWARD TO SUCCESSFUL TENDERER WITHOUT PRIOR BANK APPROVAL PROVIDED

COMPETITION WAS WIDE AND PRICES WERE REASONABLE AND SUBJECT TO BANKS

POST AUDIT REVIEW. THEREFORE IT WILL BE NECESSARY TO FURNISH

IMMEDIATELY AFTER AWARD COPIES OF BIDS, EVALUATION REPORT,

RECOMMENDATION FOR AWARD, ALONG WITH TWO CONFORMED COPIES OF

CONTRACT. UNQUOTE REGARDS HEIDHUES, ACTING CHIEF

21 END
OF
TEXT
22

NOT TO BE TRANSMITTED

SUBJECT:

EGYPT - Nile Delta II

CLEARANCES AND COPY DISTRIBUTION:

cc: Mr. Economides

DRAFTED BY:

Edwling/ASchwenneker

FHeidhues, Acting Chief, EMPA4

DEPARTMENT:

SECTION BELOW FOR USE OF CABLE SECTION

CHECKED FOR DISPATCH

DISPATCHED

FEB 1 3 35 PM 1979

COMMUNICATIONS SECTION

DELTA II, CAIRO, EGYPT

FOR AMED FAHMY, CHAIRMAN, RECREATION 719/1439-40-ETT.

UNDERSTAND OURS JANUARY 2 REGARDING PROCUREMENT NOT RECEIVED.

REPEATING CABLE QUOTE BANK HAS NO OBJECTION TO PROCUREMENT

10,000 TONS REINFORCED STEEL BARS FOR HYDRAULIC STRUCTURES AND

PUMPING STATIONS UNDER WILE DELTA TWO PROJECT. PLEASE SEND SPECIFIC

SPECIFICATIONS FOR APPROVAL BEFORE TENDERING. SPECIFICATIONS M

SHOULD INCLUDE METHOD OF EVALUATING DELIVERY SCHEDULE AND BASIS OF

BID, FOB OR CIF. IT WILL BE NECESSARY FOR NOTICE OF PROPOSED

PROCUREMENT BE FURNISHED TO MAJOR STEEL FIRMS IN MEMBER COUNTRIES.

TENDERS MAY BE ALLOWED TO SUBMIT OFFERS BY CABLE OR TELEX. FOR

REASONS EXPLAINED IN YOUR LETTER HAVE NO OBJECTION YOU PROCEEDING

TO AWARD TO SUCCESSFUL TENDERER WITHOUT PRIOR BANK APPROVAL PROVIDED

COMPETITION WAS WIDE AND PRICES WERE REASONABLE AND SUBJECT TO BANK

PRICE. IT REVIEW. THEREFORE IT WILL BE NECESSARY TO FURNISH

IMMEDIATELY AFTER AWARD COPIES OF BIDS, EVALUATION REPORT,

RECOMMENDATION FOR AWARD, ALONG WITH TWO CONFORMED COPIES OF

CONTRACT. URGENT REGARDS NEIGHBES, ACTING CHIEF

EGYPT - Nile Delta II

Edwin A. Schenker
Theobald, Acting Chief, EFAA

cc: Mr. Economides

159
11-2-1979

EGT M 1439/1440/719

Arab Republic of Egypt
Ministry of Health
Bilharzia control Department

10
2
109
11
V9
C

Cairo January 1979 .

Mr. Peter E. Naylor
Chief Agriculture Division IV
Europe, Middle East and North Africa
Projects Department

Dear Mr: Naylor

Re: Nile Delta Drainage Project
719/ 1439/ 144 EGT

The Ministry of Health has ordered the Egyptian Pharmaceutical Trading Company Cairo to procure 16 Million TAB Bilarcil - to be delivered as follows .

Eight Million at First of June 1979

Eight Million at First of December 1979 u/a:

We are enclosing herewith documents needed for qualified agreement from IDA - required by Banque Misr to their correspondant : Deutsche Banque Dusseldorf (West Germany) for payments which shall be Made

An early reply will oblige

EMENA	
AGRICULTURE DIVISION IV	
Rec'd	2/76 No 130
Assigned to	PR/Rehman/ 2/5/79
Economides (or)	
Action required Sent to Mr. Hakim for action 3/6/79	
Filing Instructions:	
Project Sec. Informed:	
Project Name	
Egypt - Drainage Projects	
Loan/Credit No	
CR 719/LN 1439/1440 - EGT	

Yours Sincerely
Dr. A. Mubarak

Under Secretary of state
Ministry of Health

Sent to Mr Hakim
for action

3/6/79

Amount DM 855,796.69
Credit/Loan 719/1439-40
Category B-4

Class of Service: **TELEX**Date: **JANUARY 30, 1979**Telex No.: **8510828 DBLVD**Originators Ext: **61122**

12

10

0 START
HERE

1

TO

DEUTSCHE BANK

CITY/COUNTRY

LEVERKUSEN, GERMANYMESSAGE
NO.:**REURTELEX JANUARY 29 CREDIT 719 EGT LETTERCREDIT 70425/MB10/418/145****984 STOP DM 8,814,211.88 PAID VALUE JANUARY 30, 1979 STOP IN FUTURE****COMMUNICATIONS PLEASE QUOTE OUR LOAN/CREDIT NUMBER TO ENABLE US TO****RESPOND IMMEDIATELY INDEVAS**21 END
OF
TEXT
22

NOT TO BE TRANSMITTED

SUBJECT:

719 EGT

DRAFTED BY:

ENHAKIM/ss

CLEARANCES AND COPY DISTRIBUTION:

***** XXXXXX cc: Prudence & Hakim
File: 719 EGT - General
Agrmt No. 1**

AUTHORIZED BY (Name and Signature):

Peter J. Prudence

DEPARTMENT:

Controller'sSECTION BELOW FOR USE OF CABLE SECTION
CHECKED FOR DISPATCH

EINHAKTIG 22

1979 JAN 31 AM 3: 00

INCOMING CABLE

Distribution: fca

Mr. Koepf

EGT W. 032
EGT W. 032
EGT W. 1523

EGT W. 1523
Master Plan

EGT W. 1707/607

EGT 1439/1440/119

WORLD BANK WSH

WU WSH

TLXAQ39 WAFO31(0934)(1-0953146029)PD 01/29/79 0934

ICS IPMIIHA IISS

IISS FM ITT 29 0934

PMS WASHINGTON DC

AWQ445 VIA ITT CRB841 S405

UINX CO UNCA 025

CAIRO 25 28 1715

MR. KOEPP INTBAFRAD

WASHINGTON D.C

REURTLX JAN 24 MR. VAN DER TAK VISIT TIMING CONVENIENT

LOOKING FORWARD TO SEEING YOU REGARDS

SAMIR KORAIEM

1026A EST

WORLD BANK WSH

FILE 29.1.1979

ATTN. WEIDMUEUS

AAA LEAVING TOMORROW FOR THENS

Base/Hig
BBB PLEASE TELEX NAMES DATE, FLIGHTS ETC FOR
SUPERVISION MISSIONS TO MINAG, PBDAC, BANK
MISR BECAUSE NOBODY HERE AWARE OF DETAILS

Schwenmick
CCC YOU WILL BE RECEIVING CABLE FROM EPADP
ABOUT CEMENT TENDER SOON. EYE BELIEVE WAS
GENUINE CASE OF BID DELAY DUE TO CIRCUMSTANCES
BEYOND CONTROL. SUGGEST, IF CABLE DOES NOT
SATISFY YOU TO THIS EFFECT, YOU WAIT TILL
ECONOMIDES HAS HAD TIME TO REVIEW CASE AND
GIVE YOU HIS VIEWS

Schwenmick
DDD CABLE TO EPADP AGREEING
TO PURCHASE STEEL REINFORCING BARS WHICH
EYE SIGNED EARLY JANUARY NOT RECEIVED.
PLEASE REPEAT

Emma
EEE DELL ARRIVED
family notif.
REGARDS
NAYLOR

++

92222HILTL UN

01

248443 WORLDBKLLL

AGRICULTURE DIVISION IV
R00: 1/29 No. 277
Assigned to *Weidmues*
as indicated
Action required
Reply sent by telex 1/29
Filing Instructions:
Project Sec. Informed:
Project Name
Credit No. *1276 EGT*
830 EGT

OFFICE MEMORANDUM

1 more copy

TO: Mr. Hans-Eberhard Köpp, Chief, EM1A

FROM: Franz Heidhues, Acting Chief, EMPA4

SUBJECT: EGYPT - Amendment of Project Agreement for the
Nile Delta Drainage II Project

EGT 1439/1440/719
EGT 1440/1285/637
EGT Cr 181
DATE: January 26, 1979
EGT Cr. 393

1. With the attached draft letter to Mr. Ahmed Fahmy, Chairman of EPADP, we are proposing to amend four outstanding provisions of the Project Agreement for Nile Delta Drainage II Project and related amendments to the Project Agreements of other drainage projects. The reasons for these changes are explained below:

(a) Section 2.06 - Evaluation of the Effect of Drainage Works
on Crop Yields

Section 2.06 of the Project Agreement provides for the completion of the evaluation of the effect of drainage works not later than June 30, 1978, for areas under Nile Delta I Project and not later than June 30, 1979, for areas under Upper Egypt I Project.

These provisions were based on the assumption that existing yield data, collected by cooperatives, would be used. However, experience showed that these data were not reliable due to the fact that they did not account for factors other than drainage that affect yields (cultural practices, inputs, pest problems, etc.). We therefore proposed and EPADP agreed to initiate a new monitoring and evaluation program which would, with an improved methodology, provide the information needed to scientifically and accurately evaluate the effects of drainage on crop yields.

The new monitoring and evaluation program is divided into two distinct parts: (i) a crash program, and (ii) a long range program. The crash program will be limited to two years and will cover three representative areas. It is designed to provide as quickly as possible reliable information on the effects of drainage on crop yields. This data, although only available in part by then, will be used for the Nile Delta III Drainage Project scheduled for appraisal in May 1980. The crash program started November 1978.

The long range program is more comprehensive than the crash program, and will last for five years. It will cover six to ten representative areas. Because of its scope, the long range program will not only evaluate the effects of drainage over the years on crop yields in Upper and Lower Egypt, but it will also indicate how drainage might influence cropping patterns, land use, income level and distribution, use of inputs, as well as a number of other factors.

Mr. Hans-Eberhard Köpp

January 26, 1979

The proposed amendment of Section 2.06 of the Nile Delta Drainage II Project Agreement (see draft letter attached) reflects the new situation.

(b) Section 2.07 - Study of the Ability of Farmers to Pay for Drainage Works

Section 2.07 of the Project Agreement provides for the completion of the study on the ability of the beneficiaries of the drainage works to pay for the investment, operation, and maintenance costs. However, this study is a follow up of a general socio-economic and farm management study carried out by the Ministry of Agriculture with technical and financial assistance from the Ford Foundation. Collection of data for the general studies has been completed after several months of delay, but tabulation and report writing are still underway. Since the study on the ability of beneficiaries to pay for the drainage works will be based on the findings of this general socio-economic study, and since it has not yet been completed, we propose to extend the date for the completion and furnishing to the Bank of the report on the ability of farmers to pay, to December 31, 1979. (See draft letter attached.)

(c) Section 3.03 - Training Program

Section 3.03 of the Project Agreement provides for carrying out by EPADP of a training program for (i) supervisors and technicians, and (ii) mechanics and operators.

Training programs for EPADP supervisors and technicians and the extension agents of the Ministry of Agriculture are being carried out as the need arises. But it is no longer appropriate for EPADP to carry the responsibility for training of mechanics and operators in the operation and maintenance of the equipment, since all equipment provided under the project is now sold to the contractors. Training of operators and mechanics is the responsibility of the contractors and is being carried out with the assistance of foreign technicians provided by the suppliers of the machinery. The proposed amendment of this section reflects this situation. (See draft letter attached.)

(d) Section 4.03 - Establishment of Cost-Accounting System

Considerable delays occurred in the establishment of a cost-accounting system in EPADP, required under 4.03 section of the Project Agreement, due to lack of experience and staff. The Bank suggested, and EPADP agreed, to hire a local consulting firm to assist in establishing the cost-accounting system and to train EPADP's staff. Bank provided its assistance to EPADP by drafting Terms of Reference for the design, training of staff, and implementation of the cost-accounting system by a local consulting firm. Negotiations are underway for the recruitment of one of the consulting firms, namely Dr. Hegazy and Co.

Mr. Hans-Eberhard Köpp

January 26, 1979

EPADP has recruited a number of new accountants who, after training, will form the cost-accounting unit. Training activities were expected to start in January. Because of the above mentioned difficulties, the cost-accounting system is not expected to become operable before the end of 1979. Therefore, we are proposing that this section be amended to reflect the actual state of affairs.

2. If you approve the attached draft letter to Mr. Ahmed Fahmy, you may have it signed by Mr. Paijmans. Please note that this Department and Mr. Krishna of the Legal Department have cleared the letter.

Attachment

cleared and cc: Mr. D. Haynes (EMP)

cc: Messrs. R. Krishna (LEG), F. Sands (EMP), and S. Rehman (EMP)
Division Project Black Book

PEconomides/mcg

yellow

OFFICE MEMORANDUM

EGT 1439/1440/719

TO: Mr. Hans-Eberhard Köpp, Chief, EM1A

DATE: January 26, 1979

FROM: *FH* Franz Heidhues, Acting Chief, EMPA4SUBJECT: EGYPT - Amendment of Project Agreement for the
Nile Delta Drainage II Project

att

1. With the attached draft letter to Mr. Ahmed Fahmy, Chairman of EPADP, we are proposing to amend four outstanding provisions of the Project Agreement for Nile Delta Drainage II Project and related amendments to the Project Agreements of other drainage projects. The reasons for these changes are explained below:

(a) Section 2.06 - Evaluation of the Effect of Drainage Works on Crop Yields

Section 2.06 of the Project Agreement provides for the completion of the evaluation of the effect of drainage works not later than June 30, 1978, for areas under Nile Delta I Project and not later than June 30, 1979, for areas under Upper Egypt I Project.

These provisions were based on the assumption that existing yield data, collected by cooperatives, would be used. However, experience showed that these data were not reliable due to the fact that they did not account for factors other than drainage that affect yields (cultural practices, inputs, pest problems, etc.). We therefore proposed and EPADP agreed to initiate a new monitoring and evaluation program which would, with an improved methodology, provide the information needed to scientifically and accurately evaluate the effects of drainage on crop yields.

The new monitoring and evaluation program is divided into two distinct parts: (i) a crash program, and (ii) a long range program. The crash program will be limited to two years and will cover three representative areas. It is designed to provide as quickly as possible reliable information on the effects of drainage on crop yields. This data, although only available in part by then, will be used for the Nile Delta III Drainage Project scheduled for appraisal in May 1980. The crash program started November 1978.

The long range program is more comprehensive than the crash program, and will last for five years. It will cover six to ten representative areas. Because of its scope, the long range program will not only evaluate the effects of drainage over the years on crop yields in Upper and Lower Egypt, but it will also indicate how drainage might influence cropping patterns, land use, income level and distribution, use of inputs, as well as a number of other factors.

Mr. Hans-Eberhard Köpp

January 26, 1979

The proposed amendment of Section 2.06 of the Nile Delta Drainage II Project Agreement (see draft letter attached) reflects the new situation.

(b) Section 2.07 - Study of the Ability of Farmers to Pay for Drainage Works

Section 2.07 of the Project Agreement provides for the completion of the study on the ability of the beneficiaries of the drainage works to pay for the investment, operation, and maintenance costs. However, this study is a follow up of a general socio-economic and farm management study carried out by the Ministry of Agriculture with technical and financial assistance from the Ford Foundation. Collection of data for the general studies has been completed after several months of delay, but tabulation and report writing are still underway. Since the study on the ability of beneficiaries to pay for the drainage works will be based on the findings of this general socio-economic study, and since it has not yet been completed, we propose to extend the date for the completion and furnishing to the Bank of the report on the ability of farmers to pay, to December 31, 1979. (See draft letter attached.)

(c) Section 3.03 - Training Program

Section 3.03 of the Project Agreement provides for carrying out by EPADP of a training program for (i) supervisors and technicians, and (ii) mechanics and operators.

Training programs for EPADP supervisors and technicians and the extension agents of the Ministry of Agriculture are being carried out as the need arises. But it is no longer appropriate for EPADP to carry the responsibility for training of mechanics and operators in the operation and maintenance of the equipment, since all equipment provided under the project is now sold to the contractors. Training of operators and mechanics is the responsibility of the contractors and is being carried out with the assistance of foreign technicians provided by the suppliers of the machinery. The proposed amendment of this section reflects this situation. (See draft letter attached.)

(d) Section 4.03 - Establishment of Cost-Accounting System

Considerable delays occurred in the establishment of a cost-accounting system in EPADP, required under 4.03 section of the Project Agreement, due to lack of experience and staff. The Bank suggested, and EPADP agreed, to hire a local consulting firm to assist in establishing the cost-accounting system and to train EPADP's staff. Bank provided its assistance to EPADP by drafting Terms of Reference for the design, training of staff, and implementation of the cost-accounting system by a local consulting firm. Negotiations are underway for the recruitment of one of the consulting firms, namely Dr. Hegazy and Co.

Mr. Hans-Eberhard Kopp

January 26, 1979

EPADP has recruited a number of new accountants who, after training, will form the cost-accounting unit. Training activities were expected to start in January. Because of the above mentioned difficulties, the cost-accounting system is not expected to become operable before the end of 1979. Therefore, we are proposing that this section be amended to reflect the actual state of affairs.

2. If you approve the attached draft letter to Mr. Ahmed Fahmy, you may have it signed by Mr. Paijmans. Please note that this Department and Mr. Krishna of the Legal Department have cleared the letter.

Attachment

cleared and cc: Mr. D. Haynes (EMP)

cc: Messrs. R. Krishna (LEG), F. Sands (EMP), and S. Rehman (EMP)
Division Project Black Book

PEconomides/mcg

OFFICE MEMORANDUM

TO: Mr. P. Economides (EMP)

DATE January 18, 1979

FROM: Raj Krishna (LEG) *all*

SUBJECT EGYPT: Amendment of Project Agreements Relating to Drainage Projects

Attached is the draft letter amending the various Project Agreements relating to Drainage Projects. If you approve the text you may have it cleared by others directly.

Prior to the dispatch of this letter, a memorandum setting forth the reasons for amending the Project Agreements should be addressed to the senior management and their approval taken.

The Executive Directors should be informed of the amendments through the semi-monthly report.

cc: Mr. Swayze

DRAFT
RKrishna:mr
January 18, 1979

Mr. Ahmed Fahmy
Chairman
Egyptian Public Authority for
Drainage Projects
5A El Goheiny Street
Dokko-Giza
Egypt

Re: Amendments to Project Agreements for
(i) Nile Delta Drainage II Project,
(ii) Upper Egypt Drainage II Project,
and (iii) Upper Egypt Drainage Project

Dear Mr. Fahmy:

1. I refer to the discussions that the recent IDA/IBRD supervision mission has had with you regarding amendment to the following provisions of the Project Agreement for Nile Delta Drainage II Project:

- (i) Section 2.06 re: evaluation of the effect of drainage works;
- (ii) Section 2.07 re: study of the ability of the beneficiaries of the drainage works to pay for the investment, operation and maintenance costs;
- (iii) Section 3.03 re: training program; and
- (iv) Section 4.03 re: the establishment of the cost accounting system for the Authority.

2. In this connection, we propose the following amendments to the said sections and consequential amendments to other Project Agreements mentioned above:

- (i) "Section 2.06. (a) Except as the Association and the Bank shall otherwise agree, the Authority, in respect of selected areas, shall furnish to the Association and the Bank: (i) not later than February 28, 1979, an initial report, and thereafter, semiannual progress reports until December 31, 1980, on Authority's ongoing crash program for evaluating the

effects of completed drainage works under the Projects and other projects of the Borrower on crop yields; (ii) not later than February 29, 1980, an interim report on the said program; (iii) not later than February 28, 1981, a final report on the findings of the said program; (iv) not later than June 30, 1979, an initial report, and thereafter, semiannual reports until June 30, 1984, on the Authority's on-going long-range program for evaluating the effects of completed drainage works under the Projects and other projects of the Borrower on crop yields; and (v) not later than November 30, 1984, a final report on the findings of the said long-range program.

"(b) Section 2.08 of the Project Agreement (Upper Egypt Drainage II Project) between the Bank, Association and the Authority of June 11, 1976, is amended to read as provided in Section 2.06(a) of this Agreement."

(ii) Section 2.07 is amended by deleting the date set forth therein and by substituting the date "December 31, 1979" therefor.

(iii) "Section 3.03. (a) The Authority shall, as and when necessary, carry out training programs for its supervisors and technicians and the extension agents of the Ministry of Agriculture in drainage practices and maintenance. Prior to carrying out any such program the Authority shall furnish to the Association and the Bank the details thereof for their review and comments.

"(b) Section 3.03 of the Project Agreement (Upper Egypt Drainage Project) between the Association and the Authority of June 8, 1973, and Section 3.03 of the Project Agreement (Upper Egypt Drainage II Project) between the Bank, the Association and the Authority of June 11, 1976, are each amended to read as provided in Section 3.03 of this Agreement."

(iv) "Section 4.03. (a) The Authority shall, not later than ^{December 31,} ~~June 30,~~

1979, or such other date as may be agreed between the Association, the Bank and the Authority, establish, and thereafter, maintain a cost accounting system, satisfactory to the Association, the Bank and the Authority, for its operations.

"(b) Section 4.03 of the Project Agreement (Upper Egypt Drainage Project) between the Association and the Authority of June 8, 1973 and Section 4.03 of the Project Agreement (Upper Egypt Drainage II Project) between the Bank, the Association and the Authority of June 11, 1976, are each amended to read as provided in Section 4.03 of this Agreement."

3. If you agree with these proposals please signify your agreement by signing the attached copy of this letter and returning it to us.

4. In view of his interest in this matter, I am sending a copy of this letter to Mr. Samir Koreim, Undersecretary of the Ministry of Economy and International Cooperation.

Sincerely yours,

Martijn Paijmans
Director, Country Programs I
Europe, Middle East and North Africa
Regional Office

Confirmed:

EGYPTIAN PUBLIC AUTHORITY FOR
DRAINAGE PROJECTS

By _____
Authorized Representative

Date: _____

cc: Mr. Samir Koreim

To be cleared with and cc: Messrs. Naylor (EMP), Economides (EMP), Swayze (EM1),
Sands (EMP)

Class of Service: **TELEX**Date: **JANUARY 25, 1979**

348 GAFEC UN

Originator's Ext: **74731**

Far/10

0 START
HERE

1 TO

MINISTRY OF ECONOMY, FOREIGN TRADE AND

ECONOMIC COOPERATION

8 ADLY STREET, CAIRO, EGYPT

MR. SAMIR KORAIEM, UNDERSECRETARY. RE NILE DELTA

DRAINAGE II PROJECT CREDIT 719, LOAN 1439 AND LOAN 1440T.

HAVE RECEIVED WITHDRAWAL APPLICATION FROM MINISTRY OF

HEALTH FOR BILHARZIA COMPONENT ON WHICH WE CANNOT ACT

SINCE WE DO NOT HAVE AUTHORIZED SPECIMEN SIGNATURES.

ALSO WE WOULD NEED AUTHORIZED SPECIMEN SIGNATURES FROM

MINISTRY OF AGRICULTURE FOR PROJECT AGRICULTURAL EXTENSION

COMPONENT. WOULD GREATLY APPRECIATE IF RELEVANT SPECIMEN

SIGNATURES COULD BE PREPARED IN TIME FOR MR. KAPS TO

HANDCARRY BACK TO WASHINGTON. REGARDS, KOEPP, WORLD BANK

EUT m 1439/1440/719

END
OF
TEXT

NOT TO BE TRANSMITTED

SUBJECT: **EGYPT: Withdrawal Applications**DRAFTED BY: **FKaps:orp**CLEARANCES AND COPY DISTRIBUTION:
cc: Messrs. Economides
Hakim (Controller's)
Krishna (Legal)
Swayze (o/r)AUTHORIZED BY (Name and Signature):
Hans-Eberhard Koepf, Div. Chief
DEPARTMENT:
Country Programs Dept. 1, EMENASECTION BELOW FOR USE OF CABLE SECTION
CHECKED FOR DISPATCH

2000 EVLCS ON
LETEX

TELEX
GAFEC 348 UN

JANUARY 24, 1979
74731

15
927-348
PAGE ONE

MINISTRY OF ECONOMY, FOREIGN TRADE AND
ECONOMIC COOPERATION
CAIRO, ARAB REPUBLIC OF EGYPT

MR. SAMIR KORAIEM, UNDERSECRETARY. ALPHA MR. HERMAN VAN DER
TAK, DIRECTOR, PROJECTS ADVISORY STAFF, WOULD LIKE TO JOIN
PART TIME SEVERAL SUPERVISION MISSIONS PLANNED FOR FEBRUARY
AND ALREADY AGREED WITH YOU TO FAMILIARIZE HIMSELF WITH
ONGOING PROJECTS. IN PARTICULAR, HE WOULD LIKE TO ATTEND
SOME DISCUSSIONS OF MISSIONS FOR DRAINAGE, SOHAG-MINUFIYA
AND POPULATION AND TIME PERMITTING FOR DIB AND WATER MASTER
PLAN. HE WOULD NOT REQUIRE ANY SEPARATE PROGRAM BUT WOULD
LARGELY FOLLOW PROGRAM OF ABOVE MISSIONS. HE WOULD OF
COURSE APPRECIATE BRIEF MEETING WITH YOU. MR. VAN DER TAK
IS PLANNING TO ARRIVE CAIRO SUNDAY, FEBRUARY 4, AND TO LEAVE
THURSDAY, FEBRUARY 15. BETA WOULD LIKE TO CONFIRM MY ARRIVAL
CAIRO ON FRIDAY, FEBRUARY 2, AT 1520 HOURS BY TW800. PLAN
TO LEAVE THURSDAY, FEBRUARY 8 MORNING. MAIN FOCUS MY MISSION
WILL BE FOLLOW UP ON BANK/IDA OPERATIONAL PROGRAM. WOULD
THEREFORE HIGHLY APPRECIATE AMPLE TIME WITH YOU TO DISCUSS
DETAIL OF NEW PROJECT STATUS REPORT BEING HANDCARRIED BY

/c

EGYPT: Visits

cc: Mr. van der Tak

HEKöpp:orp

Hans-Eberhard Köpp, Div. Chief

Country Programs Dept. 1, EMENA

Class of Service

TELEX

JANUARY 24, 1979

Serial No.

348 GAFEC UN

74731

PAGE TWO

0 START
HERE

1 TO

FRANZ KAPS, AND PAIJMANS LETTER OF JANUARY 12. IN THAT

CITY/COUNTRY

CONTEXT, WOULD APPRECIATE VERY MUCH MEETING ALSO WITH

MESSAGE
NO.

HIS EXCELLENCY DR. EL SAYEH FOLLOWING THOROUGH DISCUSSION

OF ISSUES WITH YOU. WOULD ALSO BE MOST GRATEFUL IF YOU

COULD ARRANGE MEETINGS FOR ME WITH THEIR EXCELLENCIES

DR. ABDEL MEGUID, EL DAGHESTANI, DR. SALMI AND VICE

MINISTER YOURIS. WOULD ALSO LIKE TO JOIN MEETING ON

CONSTRUCTION INDUSTRY ALREADY ARRANGED WITH HIS

EXCELLENCY MUSTAFA HEFNAWI FOR FEBRUARY 3. LOOKING

VERY MUCH FORWARD TO SEEING YOU, BEST REGARDS, KOEPP,

WORLD BANK

21 END
OF
TEXT
22

EGYPT: Visits

HEKöpp:orp

cc: Mr. van der Tak

Hans-Eberhard Köpp, Div. Chief

Country Programs Dept. 1, EMENA

LCIT W 392
LCIT W 1285/657
LCIT 1439/1440/719

London School of Hygiene and Tropical Medicine

Winches Farm Field Station 395 Hatfield Road St. Albans Herts

Telephone St. Albans 53858
Station St. Albans City

Mr. Paris Economides,
Irrigation Engineer,
Agriculture Division IV
E.M.E.N.A. Projects Department
The World Bank,
1818 H Street, N.W.,
WASHINGTON, D.C. 20433.

MEMO	
AGRICULTURE DIVISION	
Rec'd 1/31	N 088
Assigned to Economides	
Schwenker	
23rd January, 1979	
Filing Instructions:	
Project Sec. Informed:	
Project Name: Egypt	
Dissemination: High	
Loan Credit No.	

Dear Paris,

Bilharzia Control Programs in Egypt - Maintenance and Expansion.

Thank you for the copy of your office memorandum of January 8th. It raises the issue of on-going maintenance of the existing control programme in Middle Egypt and the one in Upper Egypt which is now beginning. I note that you have calculated the quantities of molluscicide required until 1985 for Upper Egypt Projects I and II on the basis of reduced applications from 1980 onwards, and similarly for the Upper Egypt (now Delta II) Project from 1982-87. I certainly hope that a reduction in the number of annual applications can be made and that the programmes will be consolidated on the basis of the reduced number of treatments. I think that it is very unlikely, however, that it will be possible to reduce below two applications per annum because of the relatively slow delivery of chemotherapy and the possibility, therefore, that re-infections will persist if snail populations are allowed to increase in size to any extent. On the other hand, we should expect that substantial coverage of the infected population will have been achieved before 1981 and it may be possible to minimise the snail control effort in that event.

I believe that the cost of Bayluscide is likely to escalate considerably and I think that we should certainly look at the question of replacing it with Mollutox if production can be assured. It may be, of course, that we can negotiate a special price structure for Bayluscide for this very substantial order and I feel a determined attempt should be made to do this.

The latest information is that a new drug, which is highly effective in the treatment of S. mansoni, may be available in the mid-1980s - but again we have no idea, at present, what this will cost and I think that a special price concession should be sought! This has been achieved for another expensive drug currently in use in Brazil but produced by another company.

- over -

The Egyptian Ministry of Health, and certainly Dr. Mobarak, are very keen to place emphasis on chemotherapy but I very much doubt whether adequate control can be achieved at the present levels of prevalence, without integrated measures involving the application of molluscicide.

I hope that we may have the opportunity of discussing these very important issues in the foreseeable future.

Yours sincerely,

A handwritten signature in dark ink, appearing to read 'G. Webb', written over a horizontal line.

Dr. G. Webb.
Scientific Director.

c.c. Dr. J.A. Lee. ✓

OFFICE MEMORANDUM

TO: Mr. Franz Heidhues, Acting Chief, EMPA4

FROM: Paris Economides, EMPA4

SUBJECT: Forthcoming Supervision Mission to Egypt and Iraq

DATE: January 23, 1979

Attached please find a list of points that I intend to discuss

with Government officials during my supervision mission to Egypt and Iraq.

Attachment

cc: Messrs. Rehman(EMP) and Sands(EMP)

PEconomides/mcg

Yellow
Egypt Drainage Projects

ECIT 1/14/79

ECIT 1/14/79

ECIT 1/14/79

ECIT 1/14/79

ECIT 1/14/79

ECIT 1/14/79

ECIT 1/14/79

EGYPT - Supervision Mission February 1979

Main Points for Discussion

A. Ongoing Drainage Projects - EPALP

1. Tender for pumping stations under Nile Delta II Project
(Solution selected for pumping station Mehalla-F1-Fobra, issuing of tender, preparation of tenders for electrical transmission lines and for replacement pumps for pumping stations Bahr Saft and Kassaby.)
2. Results tender for procurement of 75,000 tons cement.
3. Preparation of tender for procurement of draglines and excavators under Nile Delta II Project.
4. Preparation of tender for procurement of vehicles under Upper Egypt II Project (see attached list).
5. Tender for procurement of steel bars under Nile Delta II Project.
6. Results of tests of PVC compound procured from Romania.
7. Issuing of tender for the installation of field drainage under Upper Egypt II Project.
8. Delivery of cement from Romania.
9. Progress with the procurement of machinery for the PVC pipe factories under Upper Egypt II Project (financed by USAID). Supplementary tenders for the above factories.
10. Revision of overall drainage program.
11. Revision equipment lists.

(cont'd)

12. Revised project areas.
13. Maintenance of open drains.
14. Audit report (1977).
15. Progress with the establishment of cost accounting system.
16. Arrangements made for the use of gravel crushers.
17. Progress with the installation of machinery in the three pumping station workshops.
18. Progress with cost recovery. Bonus for collectors.
19. Progress with soil amelioration study (preliminary report expected end of November, field investigation to be completed end of February).
20. Need for systematic monitoring of drainage discharge data in all drainage pumping stations and presentation in an annual report.
21. Letter requesting amendment of section 5.01(c) of Development Credit Agreement Nile Delta II Project.

B. Fruit and Vegetables Project

1. Progress with the ongoing contracts of Main Nubariya Drain (km 0-7.8).
2. Results of tender for Main Nubariya Drain (km 28.4-67.7).
3. Preparation of tender for the remaining part of the Main Nubariya Drain (km 7.8-28.4).
4. Progress with the design of the outfall structure of the Main Nubariya Drain.
5. Progress with the design and preparation of tender documents for the remodeling of the main open drains in the seed farm.
6. Field drainage in the seed farm. (Design criteria, need for a pilot drainage scheme, arrangements for design, execution and monitoring. Role of FAO/UNDP Project. Financing.)
7. Rehabilitation of the irrigation system of the seed farm. (Progress with design, preparation of tender documents. Supervision of execution and financing.)
8. Lining of the Nasr Canal. (Progress with Halcrew Report)
9. Maintenance of irrigation and drainage works in the seed farm.
10. Organizational aspects (Pamanhur Unit, engineering section in the farm, improvement of irrigation practices.)

C. Agricultural Development Project

1. Arrangements made for preparation of design for the pilot irrigation scheme in Menufiya (recruitment of consultant, responsible agency for design, tender, execution, preparatory works, arrangements with Rural Electrification Authority, etc.)
2. Organization of farmers for collective irrigation.
3. Arrangements for the monitoring and evaluation.
4. Procurement of pump units. (Selection of size and type, organization of maintenance and operation, preparation of tender documents.)
5. Electrification of water pumps. (Preparation of design for electric transmission lines. Tender documents for the procurement of materials.)
6. Preparation of tenders for the procurement of farm machinery (including repair facilities).
7. Arrangements for training of tractor operators.
8. Preparatory works for the establishment of experimental mechanized farms. (Shandawell Station and location in Menufiya to be determined.)

IRAO - Supervision Mission February 1979

Main Points for Discussion

1. Land Redistribution: An early Government decision on the distribution of the reclaimed lands to the farmers is necessary so that the farmers could participate in the leaching and farming. Actual distribution should be limited on those lands that can reasonably sustain irrigated agriculture. It should be noted that leaching without farming may serve no useful purpose as on certain lands salts may by capillary action return to the surface if lands are left without cultivation.

2. Progress of Work

(a) K3 Contract (6,700 ha). Problems: Shortage of cement and compensation of landowners for site of pumping plant North Rashidya and feeder canal. Area reclaimed (irrigation, land leveling, drainage, leaching). Expected completion date.

(b) K2 Contract (24,900 ha). Problems: Mobilization of equipment (lining machines) and shortage of labor (Pakistanis). Area reclaimed. Expected completion date.

(c) K1 Contract (14,300 ha). Problems: Mobilization of equipment (lining machines), delays in the completion of concrete batching plants. Area reclaimed. Expected completion date.

3. Buildings and Housing for KAA Headquarters: Proposal to use the contractor's camps in K1 and K2 areas, and the consultant's office in K3 area. Doubtful if the temporary office facilities in K3 will be satisfactory.

4. Experimental Farm: Issuance of tender for buildings.
5. Drainage Engineer: T.O.R. Tasks: Determine design criteria, (gravel envelope, depth, drainage needs of rice fields). Develop monitoring and evaluation systems. Assist in the organization of maintenance.
6. Field Trials: Need to extend cropping trials in representative areas for demonstration purposes. An increase in strength of the agriculture staff of KAA and the recruitment of an agronomist by the consultant are required for this purpose.
7. Farm Mechanization: Selection of suitable machinery and establishment of repair facilities. Training of farm operators and mechanics (training program, instructors, overall responsibilities).
8. Irrigation Methods: Investigate the need for applying sprinkler irrigation in areas where land leveling is difficult.
9. Derhbandi Khan Dam: Bank wishes to receive copies of the consultant's reports on the dam stability.
10. Progress Reports: Last progress report received November 11, 1978. Government is requested to instruct the consultant to send copies of his progress reports to the Bank.

OFFICE MEMORANDUM

TO: Mr. P. Economides (EMP)

DATE: January 18, 1979

FROM: Raj Krishna (LEG) *all*

SUBJECT: EGYPT: Amendment of Project Agreements Relating to Drainage Projects

Attached is the draft letter amending the various Project Agreements relating to Drainage Projects. If you approve the text you may have it cleared by others directly.

Prior to the dispatch of this letter, a memorandum setting forth the reasons for amending the Project Agreements should be addressed to the senior management and their approval taken.

The Executive Directors should be informed of the amendments through the semi-monthly report.

cc: Mr. Swayze

DRAFT
RKrishna:mr
January 18, 1979

Mr. Ahmed Fahmy
Chairman
Egyptian Public Authority for
Drainage Projects
5A El Goheiny Street
Dokko-Giza
Egypt

Re: Amendments to Project Agreements for
(i) Nile Delta Drainage II Project,
(ii) Upper Egypt Drainage II Project,
and (iii) Upper Egypt Drainage Project

Dear Mr. Fahmy:

1. I refer to the discussions that the recent IDA/IBRD supervision mission has had with you regarding amendment to the following provisions of the Project Agreement for Nile Delta Drainage II Project:

(i) Section 2.06 re: evaluation of the effect of drainage works;
(ii) Section 2.07 re: study of the ability of the beneficiaries of the drainage works to pay for the investment, operation and maintenance costs;

(iii) Section 3.03 re: training program; and

(iv) Section 4.03 re: the establishment of the cost accounting system for the Authority.

2. In this connection, we propose the following amendments to the said sections and consequential amendments to other Project Agreements mentioned above:

(i) "Section 2.06. (a) Except as the Association and the Bank shall otherwise agree, the Authority, in respect of selected areas, shall furnish to the Association and the Bank: (i) not later than February 28, 1979, an initial report, and thereafter, semiannual progress reports until December 31, 1980, on Authority's ongoing crash program for evaluating the

effects of completed drainage works under the Projects and other projects of the Borrower on crop yields; (ii) not later than February 29, 1980, an interim report on the said program; (iii) not later than February 28, 1981, a final report on the findings of the said program; (iv) not later than June 30, 1979, an initial report, and thereafter, semiannual reports until June 30, 1984, on the Authority's on-going long-range program for evaluating the effects of completed drainage works under the Projects and other projects of the Borrower on crop yields; and (v) not later than November 30, 1984, a final report on the findings of the said long-range program.

"(b) Section 2.08 of the Project Agreement (Upper Egypt Drainage II Project) between the Bank, Association and the Authority of June 11, 1976, is amended to read as provided in Section 2.06(a) of this Agreement."

(ii) Section 2.07 is amended by deleting the date set forth therein and by substituting the date "December 31, 1979" therefor.

(iii) "Section 3.03. (a) The Authority shall, as and when necessary, carry out training programs for its supervisors and technicians and the extension agents of the Ministry of Agriculture in drainage practices and maintenance. Prior to carrying out any such program the Authority shall furnish to the Association and the Bank the details thereof for their review and comments.

"(b) Section 3.03 of the Project Agreement (Upper Egypt Drainage Project) between the Association and the Authority of June 8, 1973, and Section 3.03 of the Project Agreement (Upper Egypt Drainage II Project) between the Bank, the Association and the Authority of June 11, 1976, are each amended to read as provided in Section 3.03 of this Agreement."

(iv) "Section 4.03. (a) The Authority shall, not later than ^{December 31,} ~~June~~ 30,

1979, or such other date as may be agreed between the Association, the Bank and the Authority, establish, and thereafter, maintain a cost accounting system, satisfactory to the Association, the Bank and the Authority, for its operations.

"(b) Section 4.03 of the Project Agreement (Upper Egypt Drainage Project) between the Association and the Authority of June 8, 1973 and Section 4.03 of the Project Agreement (Upper Egypt Drainage II Project) between the Bank, the Association and the Authority of June 11, 1976, are each amended to read as provided in Section 4.03 of this Agreement."

3. If you agree with these proposals please signify your agreement by signing the attached copy of this letter and returning it to us.

4. In view of his interest in this matter, I am sending a copy of this letter to Mr. Samir Koreim, Undersecretary of the Ministry of Economy and International Cooperation.

Sincerely yours,

Martijn Paijmans
Director, Country Programs I
Europe, Middle East and North Africa
Regional Office

Confirmed:

EGYPTIAN PUBLIC AUTHORITY FOR
DRAINAGE PROJECTS

By _____
Authorized Representative

Date: _____

cc: Mr. Samir Koreim

To be cleared with and cc: Messrs. Naylor (EMP), Economides (EMP), Swayze (EM1),
Sands (EMP)

INTERNATIONAL FINANCE CORPORATION
OFFICE MEMORANDUM

EGIT 1439/1440/719
EGIT 1285/637
EGIT Cr 393
DATE January 18, 1979

TO Mr. P. Economides (EMP)

FROM: Raj Krishna (LEG) *all*

SUBJECT: EGYPT: Amendment of Project Agreements Relating to Drainage Projects

- att to memo of Jan 26, 1979
Attached is the draft letter amending the various Project Agreements relating to Drainage Projects. If you approve the text you may have it cleared by others directly.

Prior to the dispatch of this letter, a memorandum setting forth the reasons for amending the Project Agreements should be addressed to the senior management and their approval taken.

The Executive Directors should be informed of the amendments through the semi-monthly report.

cc: Mr. Swayze

927-348 GAFEC UN/DELTATILE

TELEX/LT

January 16, 1979
74515

WUTD

EGT LN. 181
EGT LN. 393
EGT LN. 1276

DELTATILE, CAIRO, EGYPT

FOR AHMED FAHMY, CHAIRMAN. RE CREDITS/LOANS 181, 393, 637/1285 AND
719/1439-40 AND LN. 1276-EGT. MEMBERS BANK PROGRESS REVIEW MISSION

SCHEDULED ARRIVE CAIRO AS FOLLOWS: AAA ECONOMIDES JANUARY 30,
FLIGHT TWA 840, TIME 18.25 BBB SANDS JANUARY 30, FLIGHT SN 243,
TIME 19.15. CCC REHMAN FEBRUARY 1, FLIGHT OA 260, TIME 18.25.
REGARDS HEIDHUES ACTING CHIEF INDEVAS

END
OF
TEXT

Ln. 1276

EGYPT: 181, 393, 637/1285, 719/1439-40

PEconomides/mcg

cc: Messrs. Sands(EMP) and
Rehman(EMP)

Mr. Franz Heidhues

Acting Chief, EMPA4

TELEX/LT
348 GAFEC UN/DELTATILE

January 11, 1979
74515

LWI +4

927-348
EGT 1439/1440/719
EGT 121
EGT 121

DELTATILE, CAIRO, EGYPT

FOR AHMED FAHMY, CHAIRMAN. RE CREDITS/LOANS 181, 393, 637/1285 AND
719/1439-40-EGT. EYE WILL BE IN CAIRO IN CONNECTION WITH UNDP
MASTER PLAN FROM JANUARY 13 TO 28. I WOULD LIKE TO RECEIVE PROGRESS
REPORTS ON ONGOING DRAINAGE PROJECTS FOR LAST QUARTER 1978 BEFORE
MY DEPARTURE. DATA ARE REQUIRED FOR PREPARATION SEMIANNUAL REPORT
TO MR. MCNAMARA ON DRAINAGE PERFORMANCES IN EGYPT DUE JANUARY 31.
WILL CONTACT YOU SHORTLY AFTER ARRIVAL AS EYE WOULD LIKE TO MEET
YOU AGAIN. HOPE THIS TIME TO BE ABLE TO VISIT AREAS WHERE DRAINAGE
BEING INSTALLED. REGARDS NAYLOR INDEVAS

EGYPT:181, 393, 637/1285 & 719/1439-40 PEconomides/mcg

Cleared with & cc: Mr. Swayze(EM1) Mr. Peter E. Naylor

cc: Progress Report File

Chief, EMPA4

Class of Service: **TELEX**Date: **JANUARY 9, 1979**Telex No.: _____ Originators Ext: **61122**

12

FR/ITT 10

0 START
HERE

1 TO

DR. AL MOMTAZ MOBARAK

EGT 1439/1440/719
EGT 1285/637

CITY/COUNTRY

UNDERSECRETARY, MINISTRY OF HEALTH, CAIRO, EGYPT

MESSAGE
NO.:

AAA REAPPLICATION NUMBER 3 MOH UNDER CREDIT 719 EGT RENUMBERED
2-BCP AND APPROVED UNDER CREDIT 637 EGT CATEGORY 8 BBB RECREDIT
719 EGT APPLICATION 2 MOH RENUMBERED 1 MOH AND APPROVED UNDER
CATEGORY 4 STOP PLEASE AMEND YOUR RECORDS ACCORDINGLY AND ARRANGE
TO HAVE BANK MISR EXPIRED LETTERCREDIT 70425/MBIO EXTENDED COMMA
OUR PRIOR WRITTEN APPROVAL NOT REQUIRED UNDER PROCEDURE 6 FOR
EXTENSION OF EXPIRATION AND SHIPPING DATES CCC APPLICATIONS RELATING
TO LETTERSCREDIT 70426/418/146055 DM 1,399,292.00 AND 50344 DM
792,371.98 NOT YET RECEIVED PLEASE EXPEDITE INDEVAS

21 END
OF
TEXT
22

NOT TO BE TRANSMITTED

SUBJECT:

719 EGT & 637 EGT

CLEARANCES AND COPY DISTRIBUTION:

cc: Economides, EMP, B704, Prudence,
HakimFile: 719 EGT & 637 EGT - General
Agrmt No. 1 719 EGT
Agrmt No. 4 637 EGT & PENDING

DRAFTED BY:

ENHAKIM/ss/GVIVODA

AUTHORIZED BY (Name and Signature):

Thomas Mitchell

DEPARTMENT:

Controller's

SECTION BELOW FOR USE OF CABLE SECTION
CHECKED FOR DISPATCH

JANUARY 9, 1979

DISPATCHED

TELEX

JAN 9 6 15 PM 1979

DR. AL MONTAZ MOBARAK
COMMUNICATIONS SECTION

UNDERSECRETARY, MINISTRY OF HEALTH, CAIRO, EGYPT

AAA REAPPLICATION NUMBER 2 NON UNDER CREDIT 719 EST RECOVERED
2-BOP AND APPROVED UNDER CREDIT 627 EST CATEGORY 8 BOP RECOVERED
719 EST APPLICATION 2 NON RECOVERED 1 NON AND APPROVED UNDER
CATEGORY 6 STOP PLEASE AMEND YOUR RECORDS ACCORDINGLY AND ARRANGE
TO HAVE BANK WITH EXPLORE LETTERCREDIT 704251810 EXTENDED COMMA
OUR PRIOR WRITTEN APPROVAL NOT REQUIRED UNDER PROCEDURE 6 FOR
EXTENSION OF EXPIRATION AND SHIPPING DATES CCC APPLICATIONS RELATING
TO LETTERCREDIT 704251810025 ON 1,399,292.00 AND 20344 IN
702,371.78 NOT YET RECEIVED PLEASE EXPEDITE INDUAS

ENHAKIM:LSVIVODA
Thomas Mitchell

719 EST & 627 EST
cc: Economides, EMP, 870A, Providence
Hakim
File: 719 EST & 627 EST - General
Agree No. 1 719 EST
Agree No. 4 627 EST & 702371

Class of Service: TELEX Date: JANUARY 9, 1979
Telex No.: 8510828 DBLV D Originators Ext: 61122

L/c

0 START
HERE

1 TO

DEUTSCHE BANK

CITY/COUNTRY

LEVERKUSSEN, GERMANY

MESSAGE
NO.:

FURTHER OURTELEX JANUARY 3 WE HAVE TODAY AIRMAILED TO DEUTSCHE
BANK DUSSELDORF OUR QUALIFIED AGREEMENT TO REIMBURSE NUMBER 4
RELATING TO LETTERCREDIT 70493/MBIO DM 40,029.92 COMMA IDA CREDIT
637 EGT AND AGREEMENT NUMBER 1 RELATING TO LETTERCREDIT 70425/MBIO
DM 17,628,423.75 IDA CREDIT 719 EGT BOTH L/C'S INFAVOR OF BAYER STOP
APPLICATIONS RELATING TO LETTERSCREDIT 70426/418/146055 DM
1,399,292.00 AND 50344 DM 792,371.98 NOT YET RECEIVED STOP WE HAVE
TODAY TELEXED OUR BORROWER AGAIN TO EXPEDITE STOP INDEVAS

21 END
OF
TEXT

NOT TO BE TRANSMITTED

SUBJECT:

719 EGT & 637 EGT

CLEARANCES AND COPY DISTRIBUTION:

cc: Economides, EMP, B704, Prudence,
Hakim

File: 719 EGT-General-637 EGT

Agrmt No. 1 719 EGT

Agrmt No. 4 637 EGT&PENDING

DRAFTED BY:

ENHAKIM/ss

AUTHORIZED BY (Name and Signature):

Thomas Mitchell

DEPARTMENT:

Controller's

SECTION BELOW FOR USE OF CABLE SECTION
CHECKED FOR DISPATCH

VOLUNT NO. 1 921 5015555555
VOLUNT NO. 1 112 501
LITAT 112 501-5015555-921 501
HUKIM
cc: ECONOMIQUE ENB 5105 5105555
112 501 5 921 501

COUPOFFEL, 2

WOMAN MICHIGAN

ENHAKIM 22

1979 JAN -9 PM 5:11

RECEIVED
COMMUNICATIONS

LODVA DELETED ONE SOMEONE 40710 TO EXERCISE 2106 INCEASE
1300 535 00 VMD 20244 DM 105 511 55 NOT AEA RECEIVED 2106 ME HAVE
VARIATIONS REGARDING TO FELLERSCHEDIA 104394484440000 DM
DM 11 539 432 12 104 50001 112 501 501 710 5 112 501 501 501 501
921 501 VMD VORREMENT MONDE 1 REGARDING TO FELLERSCHEDIA 1043210010
REGARDING TO FELLERSCHEDIA 1043210010 DM 10 056 05 COMMY 104 50001
BANK PROCEEDURE ONE 5043100 VORREMENT TO WEINBERG MONDE 1
LODVA 5043100 1043100 1 104 50001 104 50001 104 50001 104 50001
FELLERSCHEDIA 1043100
DELETED BANK

5260258 DM 10 0
1043100

5260258
1043100

7/07

EMENA files

RECEIVED
EGT 141439/1440/719

INCOMING CABLE

ITT5/9 JAN

ZCZC AWA739 VIA ITT CRB022 S1686

IAW CO UNCA 028

CAIRO 28/25 8 1502

Jan. 8, 1979

INDEVAS

WASHINGTON D.C.

TO MR NAYLOR RE CREDIT 719 EGT STOP TENDER

TERMINATION DATE THIRTEENTH JAN

REGARDS

DR MOBARAK UNDERSECRETARY

MINISTRY OF HEALTH

9 AM 10:00
COMMUNICATIONS DIVISION

Distribution: fca

Mr. Naylor

Mr. Koepp

EMENA
AGRICULTURE DIVISION IV
Rec'd 1/9 No 026
Assigned to Economides

Action required N/C

Filing Instructions:
Project Sec. informed:

Project Name Nile
Delta II
Loan/Credit No 719-EGT

PEN

OFFICE MEMORANDUM

TO: Mr. Peter E. Naylor, Chief, EMPA4

DATE: January 8, 1979

FROM: Paris Economides, EMPA4

SUBJECT: Bilharzia Control Programs in Egypt - Maintenance and Expansion

1. The Bilharzia Control Program under Upper Egypt Drainage I and II Projects will be completed by the end of 1979, while the program under Nile Delta Drainage II Project will be completed by the end of 1981. But, in order to maintain the good results already obtained and to prevent the infestation of Upper Egypt with Biomphalaria alexandrina, the snail host of S. Mansoni, it is essential that adequate provision be made for continuity of Bilharzia control measures in the project areas beyond the operational period.

2. In the Credit Agreement (Nile Delta II), in section 3.11, it is stated that "The Borrower shall, after completion of the Bilharzia control programs, review, on a continuing basis, the effectiveness of the said program and take such measures as shall be necessary on its part (including the provision of funds required therefor) to ensure the continuation, until December 31, 1997, of the measures for the control of Bilharzia in the areas referred to under Part B(i) of the project, unless the Borrower and the Association shall otherwise agree." However, taking into account the foreign exchange constraints and other difficulties, I believe that the Ministry of Health, left alone, will probably be unable to comply with this requirement. This means that if assistance is not forthcoming, there is a risk that the situation will return to the point at which it was before the initiation of the program and all previous efforts and investments 1/ will have been in vain.

3. As is shown in the attached table, the total quantity of molluscicide required for the ongoing program and for the maintenance period until the end of 1987 is estimated at 2,300 tons. A quantity of about 400 tons is available in stores in Egypt and an order for 600 tons has already been placed with funds provided under the Nile Delta II project. Therefore, the additional quantity of molluscicide required for the maintenance program is about 1,200 tons, representing a cost in foreign currency of about US\$20 million. Concerning the drug for chemotherapy (metrifonate), it is estimated that about 60,000 additional boxes will be required during the maintenance period representing a cost of about US\$2 million. It is concluded that the foreign cost for carrying out the maintenance programs in Upper Egypt starting mid 1981 until end of 1987, is about US\$28 million, including US\$6 million for contingencies.

1/ Bank's contribution until now to the Bilharzia Control Program in Egypt amounts to US\$23.4 million.

(cont'd)

4. The expansion of the Bilharzia Control Program in the Delta is another matter that needs thorough examination. Two factors should be taken into account: the high density of population in the Delta with high infection rate and the presence of the S. Mansoni. The high density of population will require a multiple effort to organize and carry out successfully the snail control and chemotherapy programs, while the presence of S. Mansoni will mean that a drug other than metrifonate will have to be used as the latter is not effective in treating this parasite. I heard from Dr. Webbe that Bayer is now producing a new drug, suitable for the treatment of S. Mansoni, but at a much higher cost than the metrifonate. In view of these difficulties I think that we should, for the time being, concentrate our efforts in the maintenance of the Bilharzia program in Upper Egypt, and the decision for financing the expansion of the program in the Delta should be postponed for later.

5. The maintenance of the Bilharzia Control Program in Upper Egypt could be financed as follows:

(a) Through a separate Bilharzia control Bank project, for the amount of US\$28 million (including contingencies). The project should be appraised early 1980 in order for it to become effective early 1981.

(b) Through the Nile Delta Drainage I project, scheduled for appraisal June 1980.

(c) Through a bilateral aid program. Since both molluscicide and the drug are W. German products, the logical step is to ask the German Government to participate in the financing of the project. However, as far as I know there was no response to previous attempts.

(d) By replacing imported molluscicide with locally produced Mollolox. Mollolox, which is similar to the Baylicide product, is now being manufactured in small quantities by a local chemical firm. If it proves in the near future to be efficacious and if assurances can be obtained that the firm can produce the quantities required, then Mollolox could be an attractive solution for the maintenance of the Bilharzia programs because the foreign cost for molluscicide will be reduced to 50% (representing the cost for primary chemicals to be imported).

6. I am prepared to discuss the above issues with Dr. Mobarak, Undersecretary of the Ministry of Health, during my next visit to Egypt in February. However, it may be necessary to invite Dr. Mobarak later to Washington, together with our consultant Dr. Webbe, to discuss the whole Bilharzia program with Bank officials and to make appropriate decisions as to future action.

cc: Messrs. French-Mullen(EMP), Heidhues(EMP), Sands(EMP), Reisman(EMP), Kopp(EM1)
Swayze(EM1), Lee(PAS), Liese(PAS), Golladay(PAS), and Dr. Webbe(London)

PEconomides/mcg

ARAB REPUBLIC OF EGYPT
BILHARZIA CONTROL PROGRAM (UPPER EGYPT)
Foreign Exchange Cost for Maintenance Phase

	Calendar Year									
Details	1979	1980	1981	1982	1983	1984	1985	1986	1987	Total
<u>Upper Egypt I & II Projects</u> (1,020,000 fed)										
Snail Control Treatments	3	2	2	2	1	1	1			
Amount of Baylocide required (tons)	270	180	180	180	90	90	90			1,080
<u>Nile Delta II Project</u> (1,200,000 fed)										
Snail Control Treatments	3	3	3	2	2	2	1	1	1	
Amount of Baylocide required (tons)	200	200	200	130	130	130	70	70	70	1,200
<u>Total Baylocide required</u>	470	380	380	310	220	220	160	70	70	2,280
Amount of Baylocide available	470	380	150	-	-	-	-	-	-	1,000
Additional Baylocide required	-	-	230	310	220	220	160	70	70	1,280
Cost US \$ (prices end 1978)	-	-	3,680,000	4,960,000	3,520,000	3,520,000	2,560,000	1,120,000	1,120,000	20,480,000
<u>Drag (Metrofonate)</u>										
Total Boxes additional required	-	-	15,000	10,000	10,000	5,000	5,000	5,000		60,000
Cost US \$ (prices end 1978)			450,000	300,000	300,000	300,000	150,000	150,000	150,000	1,800,000
TOTAL COST MOLLUSCICIDE & DRAG			4,130,000	5,260,000	3,820,000	3,820,000	2,710,000	1,270,000	1,270,000	22,280,000
SPARE PARTS & MISCELLANEOUS			70,000	40,000	80,000	80,000	90,000	30,000	30,000	420,000
CONTINGENCIES			1,000,000	1,200,000	900,000	900,000	700,000	300,000	300,000	5,300,000
GRAND TOTAL	-	-	5,200,000	6,500,000	4,800,000	4,800,000	3,500,000	1,600,000	1,600,000	28,000,000

January 1979

TELEX/LT January 8, 1979
XXXXX XXXXX 348 GAFEC UN/DELTATILE 74515

DELTATILE, CAIRO, EGYPT

FOR AHMED FAHMY, CHAIRMAN. RE CREDITS/LOANS 637/1285 AND 719/1439-40-EGT. PLEASE INFORM BY CABLE ON FOLLOWING AAA RESULTS TENDER ON PROCUREMENT 75000 TONS OF CEMENT AND WHETHER RECOMMENDATION FOR AWARD WAS SENT BBB WHETHER PROBLEM EVACUATION PUMPING STATION MEHALLA KOBRA WAS SOLVED AND TENDER FOR PUMPING STATIONS NILE DELTA TWO ISSUED. REGARDS NAYLOR INDEVAS

END
OF
TEXT

EGYPT: 637/1285 AND 719/1439-40

MRX CLEARED WITH AND CC:

SCHWENNEKER

cc: MR. SWAYZE, EM1

PECONOMIDES/MCG

MR. R. NAYLOR

CHIEF, EMPA4

Class of Service: **TELEX/LT**Date: **January 8, 1979**Telex No.: **348 GAFEC UN/DELTATILE**Originators Ext: **74515**0 START
HERE1 TO **DELTATILE, CAIRO, EGYPT**

CITY/COUNTRY

MESSAGE
NO.:

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

END
OF
TEXT

FOR AHMED FAHMY, CHAIRMAN. RE CREDIT/LOAN 719/1439-40-EGT AND URLET
DECEMBER 23 ON PROCUREMENT OF STEEL. BANK HAS NO OBJECTION TO THE
PROCUREMENT OF 10,000 TONS OF REINFORCED STEEL BARS FOR HYDRAULIC
STRUCTURES AND PUMPING STATIONS UNDER NILE DELTA TWO PROJECT. PLEASE
SEND SPECIFICATIONS FOR APPROVAL BEFORE TENDERING. SPECIFICATIONS
SHOULD INCLUDE METHOD OF EVALUATING DELIVERY SCHEDULE AND BASIS OF
BID, FOB OR CIF. IT WILL BE NECESSARY FOR NOTICE OF PROPOSED PRO-
CUREMENT BE FURNISHED TO MAJOR STEEL FIRMS IN MEMBER COUNTRIES.
TENDERERS MAY BE ALLOWED TO SUBMIT OFFERS BY CABLE OR TELEX. FOR
REASONS EXPLAINED IN YOUR LETTER WE HAVE NO OBJECTION YOU TO PROCEED
TO AWARD TO SUCCESSFUL TENDERER WITHOUT PRIOR BANKS APPROVAL PRO-
VIDED COMPETITION WAS WIDE AND PRICES WERE REASONABLE AND SUBJECT
TO BANKS POST AUDIT REVIEW. THEREFORE IT WILL BE NECESSARY TO
FURNISH IMMEDIATELY AFTER AWARD COPIES OF BIDS, EVALUATION REPORT,
RECOMMENDATION FOR AWARD, ALONG WITH TWO CONFORMED COPIES OF
CONTRACT. REGARDS NAYLOR INDEVAS

NOT TO BE TRANSMITTED

SUBJECT:

EGYPT: 719/1439-40

CLEARANCES AND COPY DISTRIBUTION:

XXXX Cleared with & cc:
Messrs. Schwenneker, Swayze
CLEARED (in substance) with:
Mr. Hardy(CPSVP)
cc:Mr. Hakim(CTR), Mr. Krishna(EMP)

DRAFTED BY:

PEconomides/mcg

AUTHORIZED BY (Name and Signature):

Mr. C. P. Naylor

DEPARTMENT

Chief, EMPA4

SECTION BELOW FOR USE OF CABLE STATION
CHECKED FOR DISPATCH

cc: ML* HSKJW(C18)* ML* K128P15 (DEBATCHED)

ML* HSLQX(CB2AB)

CREATED (in accordance) with:

Message: SCHMIDTKE* ANALYZE

RTN created with 8 cc:

1979 JAN -8 AM 11:44

COMMUNICATIONS SECTION

EQALI: 33011430-00

CONTRACT* RECEIVED INVALUABLE

RECOMMENDATION FOR AWARD* WITH TWO CONFORMED COPIES OF

ENGLISH IMMEDIATELY AFTER AWARD COPIES OF BIDS* EVALUATION REPORT

TO BAWKS FOR AWARD BEHIND* THE* IT BE NECESSARY TO

REVIEW CONSTRUCTION HAS MADE AND NOTES HAVE REASONABLE AND SUBJECT

TO AWARD TO SUCCESSFUL TENDERER WITHOUT PRIOR BAWKS AWARDING PRO-

VISIONS EXPLAINED IN ACHS LETTER HE HAVE NO OBJECTION AND TO PROCEED

TENDERERS MAY BE ALLOWED TO SUBMIT OFFERS BY CABLE OR TELETYPE FOR

CONTRACT BE FURNISHED TO BAWKS STEEL LINES IN NEWARK CONSTRUCTION

BID* FOR* IT WILL BE NECESSARY FOR NOTICE OF PROPOSED PRO-

SHORTS INCLUDE METHOD OF EVALUATING BIDS* SCHEDULE AND BASIS OF

THE SPECIFICATIONS FOR AWARDING BIDS* TENDERING* SPECIFICATIONS

SCHEDULES AND FURNISHING SPECIFICATIONS UNDER WITH CABLE AND PROTECT* CHANGE

PROVISIONS OF 10,000 LBS OF STEELWORK STEEL BARS FOR MARINE

REVIEW* SE OF PROVISIONS OF STEEL* BAWKS HAS NO OBJECTION TO THE

FOR AWARD AWARD* AWARDING* BE CREDITING 33011430-00-001 AND OTHER

REMARKS* CIVIL* EQALI

END CASES INADEQUATE

TELETYPE

17242

1979 JAN 8 1030

TELEX
8510828 DBLV D

JANUARY 3, 1979
61122

hlc

EGT 637/1428/637

EGT 719/1440/719

DEUTSCHE BANK

LEVERKUSSEN, GERMANY

REURTELEX JANUARY 2 IDA CREDITS 637 EGT AND 719 EGT LETTERSCREDIT
70426/418/146055 COMMA 50344 AND 70425 ALL INFAVOR OF BAYER AG
STOP TODATE WE HAVE NOT RECEIVED OUR BORROWER'S THREE APPLICATIONS
STOP AIRMAIL FROM EGYPT TO USA IS SOMEHOW SLOW STOP WE SHALL TELEX
YOU IMMEDIATELY WE RECEIVE SAID APPLICATIONS INDEVAS

END
OF
TEXT

SUBJECT

637 EGT & 719 EGT

CLEARANCES AND COPY DISTRIBUTION

cc: Mr. Economides, EMP, B704,
Mr. Prudence & Mr. Hakim

File: 637 EGT - General
719 EGT - General

DATE

ENHAKIM/ss

AUTHOR

Thomas Mitchell
Thomas Mitchell

DATE

Controller's

DATE

FILE SECTION

EGT 1439/1440/719
INCOMING CABLE

SD

RECEIVED

1979 JAN -2 AM 8:41
COMMUNICATIONS DIVISION

Distribution:

Mr. Naylor

Mr. Koepp

Cont. Mr. Mitchell

ITT2/2 JAN

ZCZC AWA164 VIA ITT CRB716 S1291

WA CO UNCA 034

CAIRO 34/32 1 1503

Jan 1 79

WASHINGTON D.C.

INDEVAS

MR NAYLOR RE CREDIT 7L9 EGT URCABLE OF DEC
FOURTEENTH STOP APPLICATION DOCUMENTS HAVE BEEN
AIRMAILED DEC TWENTY FIVE REGARDS.

DR MOBARAK

UNDERSECRETARY

MINISTRY OF HELATH

AGRICULTURE DIVISION IV	
Rec'd	1/2 No. 003
Assigned to Economic Hakim (CTR)	
Action required	
Filing Instructions:	
Project Sec. Informed:	
Project Name Egypt Nile Delta II	
Loan/Credit No.	
A. 719	

sent 1/2/79 /m

Ministry of Irrigation
DRAINAGE RESEARCH INSTITUTE
13, Giza Street, Egypt

177
10/2/19

EGT U 1 P 1

EGT U 3 9 3

EGT 1285/4637 وزارة الري

EGT 1439/1440 1978
مستند بحوث الصرف
13 من البنية

Date Dec. 31, 1978

Mr. Peter E. Naylor,
Chief, Agriculture Division IV
Europ, Middle East and North Africa Region
Projects Department,
1818 H. Street,
N.W., Washington, D.C. 20433, U.S.A.

AGRICULTURE DIVISION IV
Rec'd. 4/8 No 052
Assigned to Economics/No. 1/2/3 (o/c) 4/8
Action required
Filing Instructions: 1/2/3
Project Eco. Inform: 4/8
Project Name Egypt
Loan/Credit No. Drainage Projects

Dear Mr, Naylor,

Thank you for your congratulations for my appointment as Director of the Drainage Research Institute, in your letter dated November 22, 1978. I would like to take the opportunity also to Congratulate you for the New year.

The reports of the Dutch - Egyptian Panel meetings are sent to you in a separate cover, Titles are written as attached. I hope these reports will be helpful to the Bank Staff. Future Publications shall be sent to your office too.

Concerning the criteria used for effective depth or the dewatering zone (1.0 m or 80 cm). I agree with you and as I mentioned to your staff that this creteria should be reviewed and modified from the agronomic and economic point of view to give the optimum requirements. We are starting a field layout construction at Shereshera area (200 feddans) near Damanhour City, where different depths of 1.00 - 1.25 - 1.30 - 1.40 - 1.50 - 1.60 meter are planned- for this purpose (those depths represent light soil conditions.

" E "

Ministry of Irrigation
DRAINAGE RESEARCH INSTITUTE
13, Giza Street, Egypt

وزارة الري
مركز بحوث الصرف
١٣ ش الجزيرة

2.

Similary it is planned to consider the same creteria under heavy soil conditions. We are planning now Bahr Saft Area at Sharkia Governorate for this purpose.

I hope when you come to Cairo you can visit these two areas and discuss more about this creteria.

The second question is the gravel filter or gravel envelopes for field drains. This question is one of the main tasks of the Drainage Research Institute. As you know a decision was taken before by the Ministry that in areas where the clay content is 40 % or more no filter is needed. Most of literatature is in favour of such creteria, however my personnel view coincide completely of what you mentioned that gravel envelopes increase the hydraulic efficiency of field drains, and this is needed in clay soils rather than in light soils. For this reason I am including also the field tests at Shereshera area, the study of gravel filters. This also should be applied to Bahr Saft area (heavy soils).

I made already a grading curves for gravel filter to be used by EPADP in the Delta Area and Upper Egypt, (copy is inclosed) This is based on a long study for actual soil samples (about 1000 sample) However a better refinement is needed from our experimental field.

As you know EPADP have 9 crushers now, and use will be made of these grading curves.

Concerning the thesis of Dr. Hussan Aly Kedr thesis about drainage, I am sorry to say that up to this moment .

" E "

Ministry of Irrigation
DRAINAGE RESERCH INSTITUTE
13, Giza Street, Egypt

وزارة الري
مهند بحث الصرف
١٣ ش الجيزة

3.

I have no chance to study it. However I assure you that
I will do my best to send you my comments on this.

Again I am sorry for my delayed letter and I am
sure you will forgive me .

With my best regards,

Sincerely yours,

M.H. Amer

Dr. Mohamed H. Amer

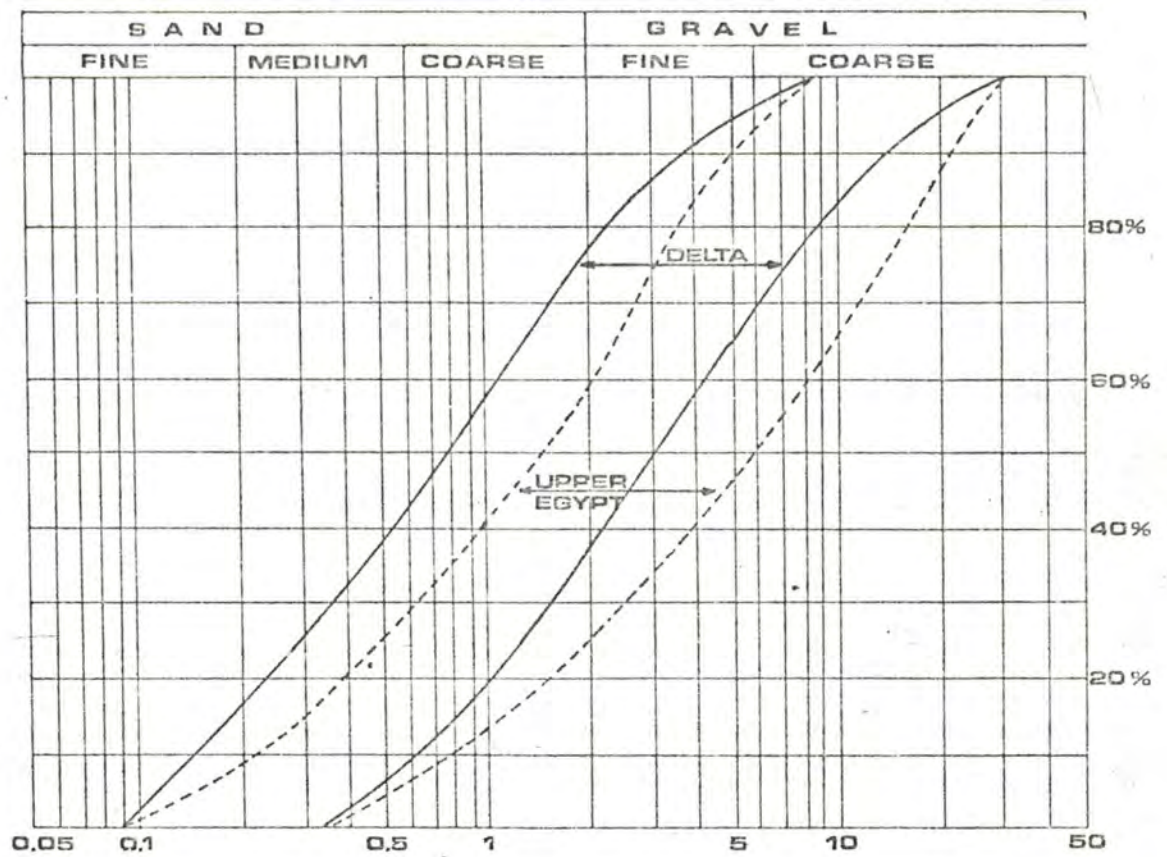
" E "

Ministry of Irrigation
DRAINAGE RESEARCH INSTITUTE
13, Giza Street, Egypt

وزارة الري
مركز بحوث الصرف
١٣ ش الجزيرة

1. ALTERNATIVE CRITERIA AND PRINCIPLES
FOR THE DESIGN OF DRAINAGE NETWORKS
IN RICE GROWING AREAS.
2. NETWORK PLANNING UPPER EGYPT
3. PROPOSALS FOR REORGANISATION AND EXTENSION OF THE SET-UP
THE OUTFIT AND THE RESEARCH OF THE LABORATORY OF THE
DRAINAGE RESEARCH INSTITUTE IN CAIRO, EGYPT
4. ECONOMIC EVALUATION OF LAND DRAINAGE IN EGYPT
5. IMPROVEMENT OF MAINTENANCE OF SUBSURFACE
DRAINAGE SYSTEMS IN EGYPT.
6. REPORT OF THE PANEL'S FOURTH MEETING
7. WATER MANAGEMENT OF TILE DRAINED RICE FIELDS
8. RE-USE OF DRAINAGE WATER FOR IRRIGATION
9. ECONOMIC EVALUATION OF LAND DRAINAGE IN EGYPT
10. REPORT
" WORKSHOP WATER CONTROL FOR AGRICULTURAL LANDS "
11. REPORT OF THE PANEL'S THIRD MEETING
12. REPORT OF A VISIT TO THE ARAB REPUBLIC OF EGYPT
13. REPORT OF THE PANEL'S SECOND MEETING
14. REPORT OF THE PANEL'S FIRST MEETING

" E "



—— Upper and lower limit of filter specification DELTA
 ---- Upper and lower limit of filter specifications UPPER EGYPT

fig 2.: Filter material specifications (in mm)

Emergency files

ECIT Wm 1255/667
ECIT Wm 1439/1449/719
ECIT Cr. 181
ECIT Cr. 393

mt

FLY 4000
AT 112 (1012) (1-1255223435)
100 101124 WTC
1105 PM ATT 31 1917
ONE WASHINGTON DC
A 0400 VIA ATT ORLOCKE 310423 310
LINK CO UNCA 030
ALEX CAIRO 00 20 1440
ETAT

AGRICULTURE DIVISION IV	
Rec'd. 1/2	No 002
Assigned to <u>Economics</u>	
Distribution	
Mr. Naylor	
Mr. Koepp	
Action required <u>nil</u>	
Filing Instructions:	
Project Sec. Informed:	
Project Name <u>Egypt</u>	
<u>Drainage Projects</u>	
Loan/Credit No <u>181-719-</u>	
<u>393/637</u>	

MR NAYLOR INTERRAT
WASHINGTON D.C
REUR CABLE DATED 30 CONCERNING
YOUR MISSION ON 30

JANUARY TO 10 FEBRUARY FOR DRAINAGE PROJECT STOP TITING CONVENIENCE
REBADS

ABTUL MONEY ELBAMMAL

NNV

Emm
EGT Wm 1439/1440/Cr. 719

December 29, 1978

Dr. Almontaz Mobarak
Undersecretary of Health
Ministry of Health
Cairo, Egypt

Re: Nile Delta Drainage II Project
Plan of Operation Bilharzia Control

Dear Dr. Mobarak:

Reference is made to the Plan of Operation of the Bilharzia control program under the Nile Delta Drainage II project, handed to Mr. Economides during his last mission to Egypt.

We have reviewed this document and found it satisfactory. The plan contains all relevant data concerning the project area, the control strategy, the organization and infra-structure for the control measures and their evaluation. On this occasion we would like once more to emphasize the need to give high priority to the evaluation procedures outlined in the plan.

With the submission of the plan of operation we consider the government obligation mentioned in Section 3.07 of the Development Credit Agreement, been fulfilled.

With kind regards,

Sincerely yours,

Franz Heidhues
Acting Chief, Agriculture IV
Europe, Middle East and North Africa Region
Projects Department

cleared with and cc: Swayze (AEA)

cc: Dr. G. Webbe, Scientific Director
London School of Hygiene and Tropical Medicine

Lee (PAS), Krishna (LEG)

PEconomides/vfd

INCOMING CABLE

EGT CV 181
Distribution; fca

Mr. Naylor
Mr. Koepp

EGT CV 293

440003 WORLDWIDE

ITT-08 DEC 23 1978 VIA ITT ORLD COMM

ZCZC 22894 VIA ITT CR 587 FR641

UIMA CO UNCA 030 (CHECK SUBJ TO CORRECTION)

CAIRO 30/28 08 1401

Dec. 28, 1978

INDEVAS WASHINGTON DC USA

MR NAYLOR REUR CABLE DATED 23 COMMA GLAD TO INFORM YOU TIME
OF MISSION CONVENTMENT WITH REGARDS

AMYED FAHMY CHAIRMAN

COL 23

AGRICULTURE DIVISION IV
Rec'd <i>12/28</i> No <i>2135</i>
Assigned to <i>Economic</i>
Action required <i>ml</i>
Filing Instructions:
Project Sec. Informed:
Project Name <i>Egypt</i>
<i>Drainage Projects</i>
Loan/Credit No. _____

TELEX
927-348 GAFEC UN

December 28, 1978

74785

EGT-6.1137

~~EGT-1439/1440/c.719~~

EGT-1276

lw1

1 MR. ABDEL MONEIM ELGAMMAL, ACTING DIRECTOR GENERAL, MINISTRY
2 OF ECONOMY, FOREIGN TRADE AND ECONOMIC COOPERATION, CAIRO, EGYPT
3
4 RE YOUR TELEX DECEMBER 25 ON SERVICE PAYMENTS DUE JANUARY 15.
5 BILLING LETTERS FOR LOANS 1440, 1276 AND CREDIT 437 MAILED
6 DECEMBER 8 BY OUR CONTROLLER'S DEPARTMENT. IN CASE YOU HAVE
7 NOT RECEIVED SAME BY NOW, WE HAVE MAILED YOU XEROX COPIES
8 TODAY. REGARDS. FRANZ KAPS, ACTING DIVISION CHIEF, EMENA CPIA.
9 INTBAFRAD.
10
11
12
13
14
15
16
17
18
19
20
21
22

EGYPT - Service Payments

MBWegayehu MBW

F. Kaps, A/Division Chief, EM1A

cc: Mrs. G. Sheffield - CTR

EM1

lw

INCOMING CABLE

sd

LCF 1285/637
39/440 / 719

Distribution:

Mr. Naylor

Mr. Koepp

Dec. 27 78

WASHINGTON D.C.

MEMO

TO: MR. NAYLOR, STOP TO YOUR OFFICE OF INTEREST TO HAVE A MEETING
CABLE OF DECEMBER SEVENTEEN, 1978
DUE TO COLLECTING COMMITMENTS UNABLE TO ATTEND MEETING
NIE JANUARY STOP RE PROPOSE TO HAVE THE
MEETINGS IF FEBRUARY STOP PLEASE CABLE IF TIMING
CONVENIENT RECAPS

DR. MORAPAK

UNDER SECRETARY OF STATE

MINISTRY OF HEALTH

CCLSETAZ

EXTRA	
AGRICULTURE DIVISION IV	
Rec'd	12/27 No 3126
Assigned to	Dele
Economics	
Cable sent Paris,	
Action required	12/27/78 any problem with this timing?
Filing Instructions:	
Project Sec. Informed:	
Project Name Egypt	
Loan/Credit No 7191	
393/637	

LT/TELEX

December 27, 1978
74515

FR/1H

EGT-1225/637
EGT-1429/1440/63719

DR. ALMOTAZ MOBARAK, UNDERSECRETARY, MINISTRY OF HEALTH, CAIRO,

EGYPT. RECREDITS 393, 637, 719-EGT AND URCAB DECEMBER 27. REGRET
IT IS NOT POSSIBLE FOR US TO HAVE THE WASHINGTON MEETING IN FEBRUARY
AS MOST OF BANK STAFF INVOLVED WITH BILHARZIA PROGRAM IN EGYPT WILL
BE ON MISSION. EYE SUGGEST TO DISCUSS MAINTENANCE BILHARZIA PROGRAM
WITH ECONOMIDES WHO WILL BE IN CAIRO FROM JANUARY 30 TO FEBRUARY 20.
WE MAY ARRANGE FOR A MEETING LATER IF NECESSARY.

REGARDS, HEIDHUES, ACTING CHIEF, INDEVAS

EGYPT: Crs. 719, 393, 637

Cleared with and cc: Mr. Kaps, EML

cc: Mr. Naylor

PEconomides/hm

Franz Heidhues

Acting Chief, EMPA4

INCOMING CALBE

DISTRIBUTION

Mr. K8pp

Mr. Perch-Cont.

File

LCIT Wm 1276
LCIT Wm 1439/1440/1719
LCIT W. 437

WORLD BANK WSH

WU WSH TLXAD03

WAB002(0000)(1-0000378360)PD 10/06/78 0017

ICS IPMTIHA IISS

IISS FM ITT 26 0017

PMS WASHINGTON DC

AMN003 VIA ITT 05450 81896

UINX CC UNCA 038 December 25

CAIRO 36/38 05 1440

MR KOEPP INTBAFRAD WASHINGTON D C

USA

REURTELEX DEC 19 CONCERNING SERVICE CHARGES DUE ON JAN 15

STOP STATEMENT OF ACCOUNT FOR LOANS 1440.1276 AND 437

NOT RECEIVED YET REGARDS

ABDEL MONEIM ELGAMMAL ACTING DIRECTOR GENERAL

COL 19 15 1440.1276 437



Record Removal Notice



File Title Nile Delta Drainage (02) – Egypt – Credit 0719 - Loan 1439, Loan 1440 – P005002 - Correspondence - Volume 4		Barcode No. 30154437		
Document Date 21 December, 1978	Document Type Telex			
Correspondents / Participants To: Ahmed Fahmy From: P. Naylor				
Subject / Title Egypt: Drainage Projects				
Exception(s) Personal Information				
Additional Comments		The item(s) identified above has/have been removed in accordance with The World Bank Policy on Access to Information or other disclosure policies of the World Bank Group. <table border="1"><tr><td>Withdrawn by Steve Barrett</td><td>Date November 05, 2010</td></tr></table>	Withdrawn by Steve Barrett	Date November 05, 2010
Withdrawn by Steve Barrett	Date November 05, 2010			

EGT. Ln. 1439/1440/01 719
12/20/78

OFFICE MEMORANDUM

TO Mr. Hans-Eberhard Köpp, EM1A

FROM Townsend S. Swayze, EM1A

SUBJECT EGYPT - Introductory Visit
Back-to-Office Report

DATE December 20, 1978

1. Following are notes on discussions held during a relatively brief trip to Egypt, from November 13 to 23. In addition to a broad range of introductory meetings that Paul Blay guided me through, I followed up on two main project issues concerning the Cairo Museum component of the proposed tourism project and the status of the rural development project. I was also able to cover a number of other items, some of which are briefly mentioned below. I have omitted information on several specific projects, because there were project missions in the field and such information would be included in their respective back-to-office reports. Except for the Minister of Culture, I did not attempt to see any of the Ministers since Mr. Paijmans was seeing them in meetings concurrent to my visit.

Tourism Project

2. Cairo Museum Component. In a meeting with the Minister of Culture and Dr. Victor Girgis (Deputy Director of the Department of Antiquities), I carefully explained the Bank position. I pointed out that in view of existing arrangements that subsist between the Government and consultants to carry out certain tasks including the design and construction works relating to the Cairo Museum, the Bank could not provide funding for the museum in the proposed project. In order for the Bank to finance design and construction work, therefore, the Government's arrangements with the consultants would have to be modified by mutual agreement to authorize other persons to submit design proposals and to open construction works to competitive bidding. The Minister said he was very disappointed with the consultants who had not done what they said they would do, including not using the services of Mr. Pei to work on a design proposal. He said it was clear that the consultants had not lived up to their part of the agreement. He directed Dr. Girgis to draft for his signature whatever letter was appropriate to relieve the consultants of their responsibilities. The Minister said he would send us a copy of this letter. He then discussed the possibility of getting assistance from UNESCO to fund the design work. He hoped Egyptian engineers could be used as much as possible to help cut costs; although he recognized the need for foreign consultants. I raised the possibility of using the PPF if funding becomes a problem.

3. In view of the Minister's very strong and explicit interest in having the Bank include assistance for the Cairo Museum in the project, I said that we would proceed to develop a proposal for internal review, which could be done before the more formal work on design proposals had been completed. I stated, however, that the timing was very tight, and that the Bank's management had decided that the rest of the tourism project should not be delayed. Therefore, we would need confirmation by the middle of January 1979, at the latest, that the Government was

able to make the necessary modification of the protocol agreement.

4. In addition, I outlined four assurances that we would seek, saying that we believed these were important and that he should fully understand we would need Government approval of these points at negotiations before we could proceed. I told him that I recognized there might be a particular problem for the Government to give assurances with regard to maintaining the current museum collection intact for an extended period; however, I pointed out the importance of the objective (to continue to draw the public to the Cairo Museum) and its relation to project investment, returns, etc. The Minister did not see this as a problem: the Cairo Museum's central location would insure its future claim to have "important" collections, and the building and completion of any possible second, competing museum was bound to be far in the future.

5. The Minister indicated that some action had been taken on the issue of bus lanes and pedestrian access to the museum, and he directed Dr. Girgis to check on the current status of this. Similarly, he responded positively to the Bank's interest in strengthening the organization and management of the museum and the development of an orderly plan for the source and use of funds of the Antiquities Organization.

6. - Washington Action. Once we have completed a preliminary Bank review of the proposed Museum component, we should write the Minister confirming our understanding on the above points.

7. Other Components of the Project. With Hamed Abdel Meguid and his staff we reviewed the status of the remainder of the project. We discussed the timetable, emphasizing the importance of moving ahead now on certain items to prepare for negotiations; the proposed mid-February date for negotiations was acceptable. He believed that the new Governorate would be elected (or appointed) within the next 2-3 weeks, not later; and in any case, he did not think it would be difficult getting decisions on the municipal project components. In particular we discussed the very difficult job of coordinating the various and diverse project components, and the consequent need for a very effective inter-ministerial committee that had the necessary authority to get things done. He also said that the Government had included LE 7 million in the 1979 budget, which was waiting to be approved. We indicated that for these purposes, the Bank's invitation to negotiate should be sufficient to getting the Government to make these funds available, if they are needed before the project becomes effective.

8. In discussing the need to proceed with developing a management framework for the hotel in Luxor, I also saw (separately) the EGOTH Chairman, Mr. Garrawani. Both the Chairman and Meguid emphasized the proposed by-laws that should make the public sector more competitive, freeing management of Government restrictions (especially the current salary ceilings). In view of this, the Chairman, who is responsible for working out a new management framework for the hotel, believed that

only limited assistance from overseas would be necessary. He said it would not be politically acceptable to have foreign management; it would be, however, helpful to have foreign technical assistance for hotel operations.

9. - Washington Action. The Chairman of EGOTH requested that the Bank send a letter outlining the timing, types, and number of technical consultants that we would recommend, and possible sources for such assistance. (Since the hotel training school, adjacent to the Luxor Hotel, is being assisted by German consultants, the Government might want to consider the possibility of German management assistance for the Hotel.)

Status of the Rural Development Project

10. After meeting with the Deputy Minister of the former Ministry of Local Government and several times with representatives of ORDEV, I hope some more progress has been made toward developing a rural development project for Bank assistance. The following points emerged: (a) the Government very much would like Bank assistance for a rural development project along the lines of the existing project proposal, although perhaps on a more modest scale than originally proposed; (b) the Government has not moved ahead to work specifically on the proposed feasibility study because it has been involved in a socio-economic survey which it believes should provide virtually all the information that will be required for such a study; and (c) the Government in the future will need, and acknowledges the need, for continued Bank assistance to help develop a project proposal. The Government is committed to doing as much of the preparation work itself as possible under the supervision of people who do not appear very experienced in project preparation work. This situation will continue to place a substantial burden on Bank staff; but in view of the importance of rural development, I believe we should persist.

11. We tried to convince the Deputy Minister that it would be all right--and was not his Ministry's concern--to use World Bank money to fund technical assistance activities and project components that were not directly revenue producing. However, I suspect he still views the use of borrowed money in very restrictive terms. (Mr. Koraïem said he would follow up and brief the Deputy Minister on the use of Bank/IDA assistance.) I also emphasized (with the staff) the need for information additional to what was being collected by the socio-economic survey now in progress. The survey will produce a very interesting information base (see Appendix 2 for a summary of the Government's survey), much of which can be used in the preparation of the feasibility study. Nevertheless, the Government will still need to study the costs and benefits of ORDEV's current projects and additional projects, along the lines proposed by the terms of reference for the feasibility study. I emphasized that this additional work should start now without delay; it could be done while the other study was being completed. Professor Salem, a consultant from the Institute of National Planning in charge of the Government survey, agreed.

12. Mr. Sabet, who is responsible for developing the project under ORDEV, agreed when I left to the following actions:

(i) Review the requirements for project preparation that are included in the "ORDEV Request for Consultant Proposals for Project Preparation Assistance," and, in light of work currently underway, determine exactly what additional work will need to be done.

(ii) Decide how and when this additional work will be done, e.g. what type of outside consultants are needed, and how the work will be funded.

(iii) Determine the estimated project size (area covered etc.); a proposal for Bank assistance should not be smaller than about US\$12 to 14 million or \$7 million in foreign exchange.

(iv) Send to the Bank the above information, specifying how and when the project preparation work will be completed and a rough estimate of project coverage.

I reviewed these steps with Mr. Koraiem who said he would follow up with the Deputy Minister, Mr. Zam Zam.

13. - Washington Action. Follow-up with a letter to ORDEV in December/January if no cable or letter is received, covering the above points.

West Nubariya Project

14. I discussed the progress on project preparation of West Nubariya with the ULG team leader Michael Rayner. They started work October 4; they will have an interim report ready next February/March, setting out alternative approaches; and the final report should be ready by the end of July 1979. In addition to project design work, the Egyptian Government has asked them to write a separate report on possible funding sources for the various components.

15. They estimate the gross area involved is about 100,000 feddans. They have found some of the soils are not very good. Tentatively they believe forage crops, vegetables, oil seeds, cereals and pulses may be grown; the main crop would be sugar beet, to be grown once every 3 years in the winter season. Thus, central to the project design are plans for a sugar factory, probably on the scale of 5,000 tons of beet per day, the minimum economic size being about 3,000 tons/day.

16. In the past, the Government had talked in terms of mechanized large-scale farming, but earlier this year (about April), the Government talked about settling small farmers in the area. The investment in a sugar factory requires a reliable supply source and experience in other countries indicates that the best way to insure this is to include large-scale estates in the project area in order to guarantee a minimum level of sugar production on a timely basis; these supplies could be supplemented by small holder output.

17. The ULG group is also reviewing designs for small-scale settlement--income levels, village size, infrastructure requirements, etc. I urged them to review closely the land settlement experience in Malaysia which, if in some degree adaptable to Egypt, could provide the control needed to insure phased small holder sugar input for the factory, as well as providing extension services, infrastructure, and loan facilities. (Using such a system one would not need to set up nuclear estates. Using a nuclear estate approach runs the risk of reducing the small holder component to token status.) The principal difficulty with the existing newly developed land areas appears to be very bad company management, trying to run a farm along Government lines. The creation of an independent and strong new land settlement authority would permit a clean break from the company failures.

18. - Washington Action. In addition to some specific studies and papers requested, to send to Rayner information on Malaysia's Federal Land Development Authority.

Drainage Program

19. Bottlenecks. The Chairman of the Drainage Authority, Mr. Ahmed Fahmy, believed his primary bottleneck was the shortage of cement, and as reported in Mr. Economides' back-to-office report, the situation has been vastly improved with the tendering of 150,000 tons of cement exclusively for the Drainage Authority. The chairman also cited lack of organization of the contractors as a problem; in order to correct this, next year they have awarded 7 contracts (each covering about 50 feddans) to international firms.

20. The chairman complained about the time it took to get Bank clearance on equipment purchases, in particular he asked why they had to get Bank approval of specifications and whether the Bank agreement to cover a letter of credit could not be speeded up.

21. There was a mixed response on the issue of whether multi-year funding was a constraint. Contracts are usually awarded at the end of the first part of the calendar year to permit structural work during the dry winter season. Contracts, however, often run out well before the end of a year, and some believe there is a delay in work because the Authority does not get its annual allocation from the Ministry of Finance until the end of the year; therefore, there is a delay in letting new contracts. The special account set up by the Bank to alleviate this problem appears to have given them flexibility of spending within a year but not from one year to the next.

22. Open Drainage Figure Discrepancy. I discussed with the Director-General of Planning the discrepancy between the actual progress of Bank-financed field drainage recorded in our memorandum to Mr. McNamara of June 1978 (at 143,000 feddans for the first quarter of 1978) and the more recent Drainage Authority figure (of 74,000). It is an apple and

orange problem. There are two systems for reporting on open drainage progress: one records the actual amount of work completed (a Bank reporting requirement); and the second records work completed plus an extrapolation of "work completed" based on the sum of work partially completed. The work on open field drains is done in two phases under two separate contracts. Normally they start by building major new structures in an area and when they have completed these, they follow under a second contract with the excavation of the old drains. Often a substantial amount of the work included under one contract is completed; but, because work under the second contract has not been started, there is no record of progress when the Bank's reporting method is used. Thus, in order to show progress to their own management, the Government reports work completed based on the percentage of work done. The 143,000 figure reported to us for the first quarter of 1978 is taken from the Government method of reporting; the 74,000 feddan figure refers to the area where work was fully completed. The ratio between completed and partially completed open field drains is much greater than it previously was because of the accelerated expansion of work. The Authority believes that they are now a little ahead of their target.

23. - Washington Action. I recommend we delay updating the status of the drainage program for senior management until we have the end-year figures; by then we should have a better understanding of actual progress in terms of work totally completed.

Bilharzia Control Program

24. Following up on Mr. Economides' recommendation, I urged Dr. Moubarak to come to Washington in January to discuss the status of the evaluation program, which needs to be strengthened; plans for continuation of the active intervention and maintenance phase; and consideration of introducing a program in the Delta, possibly under the proposed West Nubariya project. He agreed to come in January, and he will cable a proposed date.

25. - Washington Action. During the January review, to which the consultant, Dr. Webbe, will also be invited, we should define alternative proposals for how additional funds can be provided. By the end of 1979 (well before the expected start of Drainage V) funds will start to be needed for a 5-year maintenance phase; the annual cost will be about US\$6 million, or US\$30 million for the proposed period (see Economides' back-to-office report, November 8, 1978). In addition, during these meetings we should define the extent of new program requirements in the Delta and recommend how this work may be funded.

Master Plan for the Water Resource Development and Use Project (EXWAP)

26. Administrative Support. The team cited a number of problems which were enormously time consuming and frustrating. On matters where they had a principal contact point in Washington, action was very quick.

The problem is when action is needed by someone else, and then there are extensive delays. For example (as of November),

- mini-computer purchase: extensive delays getting Washington concurrence and subsequent loss of position in manufacture's queue.
- textbook: two batches ordered, but none yet received and no telex response to status queries.
- computer print out equipment: ordered in May, follow-up in June/July; 3 or 4 out of 9 articles finally received in November but no work on outstanding articles requested.
- annual physical: one of the team members requested that his wife's annual medical check-up be delayed until home leave; the Bank took 4 months to reply.
- educational benefits: a staff member sent a detailed letter requesting information; after two month's wait he received a reply indicating the need for forms, but the necessary forms were not included in the response.

In short, the Bank does not appear to be very well equipped to service personnel stationed overseas.

27. - Washington Action. I recommend we devise a better follow-up system to keep track of requests that do not fit the normal channels to make sure the turnaround time is reasonable.

28. Broadening Policy Involvement. During the week of Washington discussions with EXWAP last September, it appeared that considerable progress was being made to define the current situation, but not very much attention had been yet given to a plan. A plan would have to include a series of policy assumptions or options and these considerations reach well beyond the Ministry of Irrigation. Thus, in order for the EXWAP work to guide future investment decisions, it must include relevant macro-policy assumptions that are acceptable to the Government. EXWAP has just created a water planning committee made up of under secretaries of the relevant ministries; they had planned to hold their first meeting at the end of November. There is also a related question being reviewed now by the Government, and that is what type of organization should be established in the future to continue EXWAP's work; hopefully an organization can be set up that includes policy planning linkages.

29. - Washington Action. I believe we should follow closely EXWAP's attempts to develop an inter-governmental policy dialogue, because we are very soon reaching the stage when, for the work to be any use, it will need to be incorporated into the planning process and related to policy assumptions. We may also consider the development of a group in Washington that could periodically consider the water resource and use information in

a broad economic and program context. Another question we might consider is to what extent is, and should, EXWAP be helping to identify projects? Do we want to beef up EXWAP's capacity to generate projects?

Agriculture Sector - Lending Strategy

30. As has been often pointed out--in connection with the high investment in the new Aswan Dam and the basic appeal of "newness"--there is a very strong tendency for the Government to emphasize agricultural projects that involve new land development. The prospects for peace and the interest in opening new land areas further exacerbates the problem. I urge that we continue to press for a balanced program between new and existing land development. Many of the Government's future project proposals are biased toward developing new land areas. However, our investment will undoubtedly have a much greater impact if we can concentrate more on helping raise production and improve conditions on the "old," existing agriculture land. In the next 20 years, perhaps another 1 to 2 million feddans of new land can be brought under cultivation but this will directly help at the most upwards to a million families and at a relatively very high cost.

31. For example, it would appear important to develop projects in areas such as the rehabilitation and renewal of major irrigation structures to provide the means for tighter control of water supplies and fine tuning of the system. The proposed project for the Esna Barrage, which is a high priority of the agriculture projects division, fits this category. EXWAP should help us to identify other parts of the current irrigation and drainage systems that need modernization. For example, after their review of all the major drainage structures, they will be able to show which works need to be repaired or replaced immediately, or in five years, or no work necessary in the foreseeable future. It may also be useful if, once we have developed an improved approach to new land development (through the West Nubariya project) to help on a selective basis to rehabilitate the badly faltering existing new land development areas. As indicated above, the problems with these projects appear to be overwhelmingly managerial and organizational, although there are also some major technical problems that need to be addressed, such as providing adequate drainage.

Fruit and Vegetable Market Study

32. We raised the possibility with Samir Koraïem of proceeding now with a study for developing wholesale fruit and vegetable markets. Samir will try to get confirmation in writing from the Governorates of Cairo and Alexandria that they would like our assistance. Then we would seek agreement with the Governorates as to the terms of reference of a study.

33. - Washington Action. Send Samir a draft terms of reference for such a study.

Population II Project

34. A draft agreement between ODM and the Government had been received (in October) and Samir said he would send Karal Attia a copy for his comments. Unfortunately the draft agreement contains a unilateral spirit (e.g., ODM not consulting on equipment and consultants to be provided), and it may be necessary for ODM to have further discussions with the Government. In addition, Leslie Hughes, the aid officer in the British Embassy, agreed to discuss procurement procedures with Dr. Attia: Attia was concerned that if he had to use the Crown Agents to purchase certain items with ODM funds the prices might be higher on similar items that were purchased with other funds using other purchasing procedures. The legal documents have been translated and forwarded to the Ministry of Economy.

Sohag/Minufiya

35. The agriculture supervision mission met with a number of the proposed members of the national working committee. We urged the chairman to proceed as soon as possible with fulfilling the conditions of effectiveness--before he had indicated that he was planning to wait until the People's Assembly ratification. The designated project coordinator is not entirely satisfactory to the Bank since he is heavily committed to other work, but arrangements are being made to try to insure the project has adequate leadership.

Attachments

cc: Messrs. Paijmans (EM1); Tolbert, Simmons (TMP); El Darwish, Naylor, Bose .
Donovan, Economides, Hing, Hodges/Ms. Dell (EMP);
Schumacher, Kulatilaka (AGP); Messenger/Ranganathan (POP);
Fares/Schlechtriem/Kaps, Imam/Ikram, Blay (EM1);
Krishna (LEG)

TSwayze:bp

EGYPT

PERSONS MET FOR DISCUSSIONS

1. Ministry of Education, Scientific Research and Culture

Mr. Hassan Mohamed Ismail	Minister
Dr. Victor Girgis	Deputy Director, Egyptian Antiquities Organization

2. Ministry of Tourism and Civil Aviation

Mr. Hamed Abdel Meguid	First Under Secretary
Mr. M. Khater	Project Unit, Interim Head
Ms. Huda Antoun	Assistant to Meguid
Mr. Ezzart El Masry	Director-General of Planning
Mr. Garrawani	Chairman, Egyptian General Company for Tourism and Hotels (EGOTH)

3. (Former) Ministry of Local Government

Mr. Labib Zam Zam	Deputy Minister
Mr. Ahmed Fathy El Diffrawy	Under Secretary, General Director of Organization for Reconstruction, Development of the Egyptian Village (ORDEV)
Mr. Dakroury Mohamed Sabet	Under Secretary, Deputy Director ORDEV and head of task force for project preparation
Mr. Imam Selim	Consultant, in charge of ORDEV socio- economic survey, former under secretary of planning and associated with the Institute of National Planning

4. Ministry of Irrigation

Mr. Ahmed Fahmy	Chairman, Egyptian Public Authority for Drainage Projects
Mr. Neguib Anis	Director-General for Planning, Drainage Authority
Mr. Fred Durrant	Manager, EXWAP
Mr. Pieter van der Goot	Economist, EXWAP
Mr. Desmond Carr	System Analyst, EXWAP
Mr. Talat El Raga Bawi	Engineer, EXWAP (formerly responsible for Nile Delta barrage zone)

5. Ministry of Health

Dr. Ahmed Serry	First Under Secretary, Planning, Education and Budgeting
Dr. Almotaz Billah Mobarak	Under Secretary
Dr. Kamal Attia	Director-General, Family Planning Services

6. Ministry of Economy, Foreign Trade and Economic Cooperation

Mr. Abdel Aziz Zahwy	Under Secretary, Director of Minister's office
Mr. Gamel El Nasser	Under Secretary, Director of Deputy Minister's office
Mr. Samir Koraiem	Under Secretary

7. Ministry of Agriculture

Mr. Fat'hallah Rifaat	Chairman, Principal Bank for Development and Agricultural Credit (PBDAC)
Mr. Kamal Nasser	PBDAC
Mr. Mohamed Mahmoud Dessouki	Director-General, Foreign Relations
Mr. Ali Mahmoud El-Hossary	Under Secretary of Mechanization Department

8. Ministry of Planning

Dr. Roshod El Safty	Regional Planning
---------------------	-------------------

9. Bilateral Agencies

(a) Embassy of the U.S.

Magd Abdel Gawad	Social and Resource Development Office, A.I.D.
------------------	---

(b) Embassy of the U.K.

Mr. L.F.S. Hughes	First Secretary, A.I.D.
-------------------	-------------------------

10. Consultants

(a) ULG

Mr. Michael J. Rayner	Project Leader
-----------------------	----------------

ORDEV VILLAGE SOCIO-ECONOMIC SURVEY

1. At the request of the Ministry of Local Government, Professor Imam Selim, former Under Secretary of Planning and now associated with the Institute of National Planning, is heading up a survey of Egyptian villages. The survey includes three schedules: (i) to provide information on households, (ii) to get general information from the head of the village, and (iii) to get information on services from people in charge of providing them.
2. The initial survey covers 7,200 households in Lower Egypt, 6,000 in Upper Egypt, and 3,000 in the desert districts. Representative villages have been chosen, e.g. with principal incomes from tourism, traditional agriculture, fishing, textile industry, fruits and vegetables, etc. The work in Lower Egypt included 4 governorates, 5 districts (markazes), and 35 villages. The work has been completed, coded, and is now in the computer. Field work has started in Upper Egypt, which includes 2 governorates, 3 districts; the number of villages had not yet been determined when I met with them. Field work was to be completed by the end of December. I believe two desert districts have been chosen, one in the east and one in the west. They expect to have the results tabulated (all schedules) by July/August 1979. They believe the information will provide the basis for a rural development strategy.
3. Following is a summary of questions being asked on the household survey:
 - A. Demographic--age, relationship to head of household, location, education, work, marriage status, children.
 - B. Migration--cause of movement: economic opportunities, education, security, marriage; profile of migrants.
 - C. Housing--number of units, type, building materials (brick, stone, wood, mixed sand, tin, concrete), external covering (cement, wood, sand), floor material, use (house or other), ownership (shares, rent, own), length of occupation, primary facilities (kitchen, stove, toilet).
 - D. Utilities--water (piped, canal), light (electric, gas), method of cooking.
 - E. Furnishings--bed, sofa, radio, TV, record player, fan, refrigerator, sewing machine; and length of ownership.
 - F. Household travel to Markaz--when, purpose (sell and buy, visit, work, monthly supplies), method of transport (by foot, bicycle, animal, bus, railway, ferry, taxi).

- G. Health Services--location, type of facilities (health units, private doctors, pharmacy, barber shop), delivery of children (nurse, hospital, doctor, midwife), additional health services needed (more medicine, doctors, ambulances, midwives, hospitals, pharmacies).
- H. Police and security--judgement of current situation, causes of problems (insufficient number of police), treatment of the people by the police, how justice served (headman, police, court) and at what level, suggestions for increased security (police, facilities).
- I. Social and religious services--are special services available for the elderly, where do the elderly go for help (relatives, Imam, educated people), what facilities are available (nursing, workshops).
- J. Education services and status--users relation to head of household, age, work, facilities used, and effect on family; length of school years, type of education, reasons for leaving, training activities after leaving (type and location), where does student live and head of household's plans for student; are more facilities needed, use of private teachers, participation in illiteracy classes.
- K. Basic supplies--any shortages (tea, sugar, cloth), use of ration card.
- L. Land--type of ownership, size of holdings, location, crops grown and yields.
- M. Marketing--who buys produce (Government, merchant, cooperative societies), method of transport.
- N. Farming--machinery and tools used (plough, water wheels, thresher, pump, pesticide sprayer) and age and ownership, source of labor, inputs used (fertilizer, seeds) and source (cooperative, private shops, black market); best yielding and most profitable crops.
- O. Agriculture services--difficulties with cooperative societies, irrigation problems, who treats animals.
- P. Non-agriculture--source of raw materials, difficulties with merchants, source of credit and labor, salary levels.
- Q. Miscellaneous:
 - who cares for children,
 - if Government had 3 apartments available, which Government official should get them,

--opinions on size of family,

--savings account,

--relationship to head of village council (and if contact, on what business).

4. With regard to the second schedule, the following questions are being asked; this information is available to the head of the village:

- A. Land use--area cultivated, crops and average yields.
- B. Cooperatives--director and qualifications, banking services.
- C. Village facilities--sewerage, machinery (tractors) and problems, workshops, slaughterhouses.
- D. Other economic activities--industry (ownership, wages), beef, poultry, fisheries.
- E. Social services--health, cultural, religious, training.
- F. Infrastructure--transport, communications (post, telegraph, telephone), water resources.
- G. Administration--council committees (when established, accomplishments), executive board (appointed officials, difficulties).

5. The third schedule is being given to the people responsible for village services, e.g. the elected members of the village council.

TELEX

December 19, 1978
74785

lw1

EGT - Cr. 484

EGT - Cr. 437

EGT - Ln 1439/1440/Cr. 719

EGT - Ln 1276

EGT - Ln 1064

EGT.

BOOK OF TWO (SEE ATTACHED TEXT)

1) MR. SAMIR KORAIEM
MINISTRY OF ECONOMY, FOREIGN
TRADE AND ECONOMIC COOPERATION
TELEX: 348 GAFEC UN 927-348
CAIRO, EGYPT

2) MR. ALI M. NEGM
CENTRAL BANK OF EGYPT
TELEX: 2237 MARKAZI
CAIRO, EGYPT

386
927-92237
2279

TELEX

December 19, 1978
74785

W

ADDRESSED MR. SAMIR KORAIEM, MINISTRY OF ECONOMY, FOREIGN TRADE
AND ECONOMIC COOPERATION AND MR. ALI M. NEGM, CENTRAL BANK OF
EGYPT, CAIRO, EGYPT

FOLLOWING PAYMENTS WILL BE DUE JANUARY 15 COLON CREDIT 484
TALKHA II FERTILIZER US DOLLARS 62,643 SEMICOLON CREDIT 437
POPULATION US DOLLARS 17,087 SEMICOLON LOAN 1440 NILE DELTA
DRAINAGE II US DOLLARS 45,000 SEMICOLON LOAN 1276 FRUIT AND
VEGETABLES US DOLLARS 228,905 SEMICOLON LOAN 1064 SUEZ CANAL
REHABILITATION US DOLLARS 806,000 (DUE JANUARY 8), US DOLLARS
452,987, FRENCH FRANCS 976, NETHERLANDS GUILDERS 36,478, POUNDS
STERLING 2,281.80, JAPANESE YEN 826,150, DEUTSCHE MARK 157,999,
SWISS FRANCS 221,566. PLEASE ARRANGE ALL US DOLLAR PAYMENTS TO
FEDERAL RESERVE BANK NEW YORK, ON CREDIT FOR IDA ACCOUNT B
AND ON LOANS FOR ACCOUNT OF IBRD. OTHER PAYMENTS AS APPROPRIATE,
BANQUE DE FRANCE, ALGEMENE BANK NEDERLAND, N.V., VIJZELSTRAAT
68-78, BANK OF ENGLAND, THE BANK OF JAPAN, DEUTSCHE BUNDESBANK
AND BANQUE NATIONALE SUISSE. BEST REGARDS. KOEPP.

EGYPT - Svc. Payments

cc: Mrs. Pan

MBWegayehu *MBW*
Hans-Eberhard Koepf *Koepf* Div. Chief
EM1A *[Signature]*

Emena

The World Bank / 1818 H Street, N.W., Washington, D.C. 20433, U.S.A. • Telephone: (202) 393-6360 • Cables: INTBAFRAD

EGT-Ln. 1439/1440/cr. 719

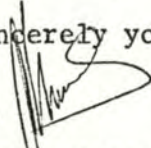
December 19, 1978

Mr. Ahmed Fahmy, Chairman
The Egyptian Public Authority
for Drainage Projects
5A El Goheiny St.
Dokki, Giza
Egypt

Dear Mr. Fahmy:

Enclosed please find a copy of the Development Forum
paper of the United Nations (December 18, 1978), in which
an advertisement has been placed concerning the tender for
pumping stations, under the Nile Delta II Drainage Project.

Sincerely yours,



Paris Economides
Agriculture Division IV
Europe, Middle East and North Africa Region
Projects Department

Enclosure

cc: Mr. Schwennaker

PEconomides/vfd

EGT/m/439/1440/Cv719



[Handwritten signature]

London School of Hygiene and Tropical Medicine

Winches Farm Field Station 395 Hatfield Road St. Albans Herts

Telephone St. Albans 53858
Station St. Albans City

Mr. Paris Economides,
Irrigation Engineer,
Agriculture Division IV
Europe, Middle East & North Africa Projects,
The World Bank,
1818 H Street, N.W.,
WASHINGTON, D.C. 20433.

18th December, 1978.

Dear Paris,

Thank you very much for your letter of November 30th. I must apologise for the delay in replying to you but I have been in Ghana.

att
I am enclosing herewith my comments on the Plan of Operations for the Control Programme under Nile Delta II Drainage Programme. I am also enclosing a letter from the U.S. Naval Medical Research Unit No. 3 which has been working in the Luxor area, and which might assist in evaluation of future control in the area under the Delta Drainage II programme. We might discuss this with Dr. Mobarak in Washington, although it is a rather delicate issue and the Ministry may not wish to have NAMRU 3 assistance!

I hope that we can meet in Washington on January 15th to discuss these matters.

Kind regards.

Yours sincerely,

[Handwritten signature]
Dr. G. Webbe.
Scientific Director.

GHANA	
AGRICULTURE DIVISION IV	
Rec'd 12/27	No. 2127
Assigned to Economides	
Action required	Att
Filing Instructions:	Mobarak 12/27/78
Project Sec. Informed:	
Pl. Int. Form	Encl
Doc. Circ. No.	Dr. Webbe
	637, 719

Plan of Operations.

Area from Aswan to Assiut (Nile Delta Drainage II Project).

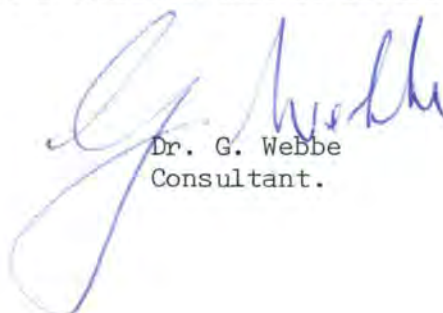
- a) The Bar Charts showing project and annual activities embody the essential strategy of agreed control measures and evaluation procedures.
- b) The Programme Organization, management, control measures and evaluation procedures follow those being currently applied in the Middle Egypt control programme under Upper Egypt Drainage Project I and II.

Comment

- 1) It is considered that the infra-structure of snail control units, health centres and units are adequate to support the proposed control strategy.
- 2) The description of the area of operations is an accurate one.
- 3) The stated objectives of the programmes are essentially correct.
- 4/5) The personnel designated in the organization and for the management of the programme are satisfactory. The appointment of Dr. S. El-Hag to assist Dr. O. Zimaity is an important addition to the staff. Mr. H. Olama, Chief Engineer, is of course first-class, and the engineers designated at Sohag, Qena and Aswan are able personnel whom I have already met.
- 6) The delivery systems described for snail control operations and selective population chemotherapy are the procedure of the agreed strategy and should function well.
- 7) Evaluation.
The procedures outlined for evaluation are satisfactory, and these must be given high priority!
- 8) The details of the plan of operations set out in Annexes 1-12 are essentially correct. The vehicles listed under Annex II have not yet been supplied of course.

Appreciation.

The plan of operations contains all relevant data concerning the project area, the control strategy, the organization and infra-structure for the control measures and their evaluation, and I consider that it should be accepted.



Dr. G. Webbe
Consultant.



U. S. NAVAL MEDICAL RESEARCH UNIT NO. 3

FLEET POST OFFICE

NEW YORK 09527

IN REPLY REFER TO:

NAMRU-3-14-GH-ea

5 December 1978

Dr. Gerald Webbe
London School of Hygiene & Tropical Medicine
Scientific Director
Winches Farm Field Station
395 Hatfield Road
St. Albans, Herts
England

Dear Dr. Webbe:

I'm sorry that we were not able to meet during your most recent trip to Cairo. Our group was, at the time of your visit, in Upper Egypt working on our village studies in schistosomiasis. We had heard that you were expected to visit the particular region encompassing our study site just north of Luxor.

Dr. Watten may have outlined to you some of our interests and the types of studies being done. Briefly, we are interested in trying to identify the reason (s) why egg burden decreases during the second decade of life; indeed the egg output declines at an earlier age (10-11 years) than when prevalence rates decline (15-20) years). Our studies have been concentrating on about 1000 school boys (ages 6-15) longitudinally over a 4-5-year period. We study the children every six months to evaluate clinically, parasitologically and immunologically (humoral and cellular immune assays). Since this study started in November 1975, we are now summarizing the data into several epidemiologic- and immunologic-oriented manuscripts.

We are well-aware of the Egyptian Ministry of Health's plans, with World Bank support, to effect a control program for schistosomiasis haematobia in the human and snail populations. I have thought that we could help this program which appears inevitable, in any event. Help, in the sense of having our group assist in the treatment and subsequent evaluation of the schoolchildren and villagers in our study site. We know the human infection dynamics in this area on the basis of village cross-sectional studies in 1975 and 1978 and 6-month interval studies of the schoolboys over three years. We would very much like to see the effects of mass treatment with particular interest in the re-acquisition rates and infection - intensities in the cohort of our study group. Obviously, our desire is to attempt an incisive analysis of the question whether resistance is induced by chemotherapy? Additionally, we have done bi-monthly malacological surveys, several seasonal water-contact studies and "sentinel" animal studies in the waterways coursing through and around our study area. Of course the Ministry of Health would be

given a complete report of our data for their information. We have always allowed them free and unlimited access to our data if they so desire. Dr. Watten concurs in the plans outlined above and agrees with me that we can thoroughly and reliably evaluate the effects of such mass control programs in selected sites.

In order not to lose the chance to finish our studies in Upper Egypt, I would greatly appreciate your support in these general plans. Your recommendation, informally, to the Ministry of Health allowing us to participate this coming spring (?) March 1979 in the treatment program for our study area (part of Qena Governorate) would further our efforts to get approval in approaching discussions we will be conducting with Ministry of Health officials this month.

I fully am aware of the situation with respect to this control scheme and realize that there may be reasons why our request will not be approved. Your comments and suggestions would be greatly appreciated.

Sincerely yours,

A handwritten signature in blue ink, appearing to read 'G. I. Higashi', with a long horizontal flourish extending to the right.

GENE I. HIGASHI, M.D., Sc.D.
Head, Immunology Department.

INCOMING TELEX

RECEIVED

EGT - Cr 181

EGT - Cr 393

EGT - Ln 1285 / Cr 637

1978 DEC 18 AM 9:12

COMMUNICATIONS DIVISION

Distribution

Mr. ~~Humphreys~~ Koepf

Cont. Mr. Mitchell

~~From~~

From:
CAIRO DECEMBER 17, 1978

ATT MR ESCHENBERG

REOURLET OF 16 JANUARY 1978 REGARDING AUTHORISED
PERSONS TO SIGN WITHDRAWAL APPLICATIONS OF THE CREDIT 719,
WOULD LIKE TO CONFIRM THAT SAME PERSONS ARE AUTHORISED
TO SIGN APPLICATIONS UNDER LOANS 181,393,1285 AND
CREDIT 637.

REGARDS

SAMIR KORAIEM

MM

Drumay

TELEX
8510828 DBLV D

DECEMBER 12, 1978
61122

H/c

EGT- Ln. 1285/cn 637

EGT- Ln 1439/1440/cn. 719

DEUTSCHE BANK

LEVERKUSEN, GERMANY

REURTELEX DECEMBER 8 IDA CREDIT 637 EGT LETTERCREDIT 70426/418/146055
DM 1,399,292.00 LETTERCREDIT 50344 DM 792,371.98 AND IDA CREDIT
719 EGT LETTERCREDIT 70425 DM 17,628,423.75 ALL THREE LETTERSCREDIT
ARE INFAVOR BAYER AG STOP WE HAVE TODAY CABLED OUR BORROWER TO
AIRMAIL THREE APPLICATIONS TO ENABLE US ISSUE OUR AGREEMENTS TO
REIMBURSE STOP SUGGEST YOU CONTACT OPENINGBANK TO CONTACT DR. MOBARAK
AT MINISTRY OF HEALTH CAIRO TO EXPEDITE INDEVAS

637 & 719 EGT

cc: Mr. Economides, EMP, B704, Prudence,
Hakim

File: 637 EGT & 719 EGT - General
PENDING

ENHAKIM/ss

Thomas Mitchell
Thomas Mitchell

Controller's

Om

CABLE

DECEMBER 12, 1978

61122

FR
9/17

EGT Ln. 1285/cr. 637

EGT Ln. 1439/1440/cr. 719

DR. AL MONTAZ MOBARAK, UNDERSECRETARY, MINISTRY OF HEALTH

CAIRO, EGYPT

AAA RECREDIT 637 EGT TO ENABLE US ISSUE OUR AGREEMENTS TO REIMBURSE
RELATING TO BANK MISR LETTERSCREDIT 50344/MBIO AND 70426/MBIO
INFAVOR OF BAYER FOR DM 792,371.98 AND DM 1,399,292.00 RESPECTIVELY
WE MUST FIRST RECEIVE YOUR APPLICATIONS EITHER UNDER OUR PROCEDURE
FIVE OR SIX STOP OUR RECORDS AS OF NOVEMBER 30, 1978 INDICATE
BALANCE AVAILABLE UNDER CATEGORIES B 7 AND C 8 DOLLARS 730,000.00
AND 596,672.89 RESPECTIVELY STOP BBB RECREDIT 719 EGT BANK MISR
LETTERCREDIT 70425/MBIO DM 17,628,423.75 BENEFICIARY BAYER STOP AS
EXPLAINED ABOVE PLEASE AIRMAIL IMMEDIATELY YOUR APPLICATION UNDER
CATEGORY B 4 CCC DEUTSCHE BANK LEVERKUSEN ON BEHALF OF BAYER IS
PRESSING US FOR ISSUANCE OUR AGREEMENTS TO REIMBURSE RELATING TO
THREE LETTERSCREDIT MENTIONED HEREIN PLEASE CABLE IMMEDIATELY DATE
WHEN SUCH APPLICATIONS AIRMAILED INDEVAS

637 & 719 EGT

cc: Mr. Economides, EMP, B704, Prudence,
Hakim

File: 637 EGT & 719 EGT - General
PENDING

ENHAKIM/ss

Thomas Mitchell

Controller's

OFFICE MEMORANDUM

TO: Files

FROM: Fenton B. Sands, Agriculturist, EMPA4

SUBJECT: Comments on the Ph.D. Dissertation, "Evaluation of the Economic Feasibility of the Drainage Project in the Arab Republic of Egypt", by Dr. Hassan Aly Khedr, 1978

DATE: December 8, 1978

Based on my association with and knowledge of the Bank supported program in Egypt, I set forth the following comments concerning the above mentioned thesis.

1. While collecting data in October 1976 for appraising the Nile Delta II Drainage Project, Dr. Khedr was assigned to assist me by Dr. Mohamed Kamel Hindy, Director, Agricultural Economics, Research Institute, Ministry of Agriculture. Dr. Khedr did mention that he was assembling materials for his thesis which would be about the drainage program. He impressed me as being an eager, conscientious person anxious to make a name for himself. He did not appear to be opposed to the drainage program.
2. The substantive issue arising from Dr. Khedr's thesis is the conclusion based on the data presented and using regression equations, that drainage has zero impact on yields of cotton (p.165), rice (p.169) and wheat (p.173), but a significant impact on maize yields (p.180). Since the figures presented do not account for factors other than drainage that effect yields in farmers' fields, conclusions drawn from only these data can not possibly present an accurate evaluation of the drainage program. In any attempt to compare the influence of subterranean drains on crop yields in the project area as against yields outside the project area, one has to take into account whether or not the drains are in fact working,^{1/} the kind of management and cultural practices followed, the annual pest problems and their control, use of inputs and other variable factors. Yield data in isolation, or ignoring these mentioned factors, can not show a true picture of the influence of tile drainage on crop yields. Moreover, from an agronomic viewpoint, if drainage has a significant impact on maize yields, why would it have zero impact on cotton, in the same field, which has a much deeper root system and remains on the land twice as long as maize?
3. It was primarily because of the fact that only yield data, such as presented in the mentioned thesis, were used by the Evaluation Committee of the Egyptian Public Authority for Drainage Projects (EPADP) in its evaluation study, that the Bank has not accepted their findings. Their data, also secured from the Ministry of Agriculture, did not take into account variables other than drainage known to influence yields. The data presented by the Evaluating Committee, in contrast to those of Dr. Khedr's showed

^{1/} It is worth noting that most of the pumping stations, designated to evacuate the excess water from the drainage systems, only recently became operational.

positive net benefits in yields between areas inside the project area, as compared with areas outside the project area. This was true for wheat, maize, rice and cotton for most years, covering a four year period. Because of the Bank's insistence on a more accurate assessment of the influence of drainage works on crop yields than had been previously presented, a new crash and long range monitoring and evaluation program has been initiated by the Drainage Research Institute (DRI) on behalf of EPADP (see Nile Delta I and Upper Egypt Drainage I Supervision Reports, 11/30/78).

4. Another matter that distrubs me about the data, is the manner in which they have been collected. I was informed by the Director of EPADP's Evaluation Program, that EPADP has given to the Ministry of Agriculture designated areas as being within the drainage project. The execution of the tile drainage program within the perimeters of these areas has been undertaken in two, three, four and sometimes five years. I was also told that when crop samples were taken within the project area, no distinction was made between areas that had been supplied with drains and areas within the same project area that had not as yet been furnished with tile drains. Also the timing in those areas where drains have been installed was not noted. Hence, one can not be certain in any one year, that the crop yields reported inside the project area were from land that was actually drained, or from land that was intended to be drained, but had not at the time of sampling been supplied with drains. Furthermore, if samples were taken on the drained land, the length of time the land had been furnished with drains would be a point of consideration. It is also to be noted that each year in which the data are collected for the four crops, wheat, maize, cotton and rice, they are from farms that were not surveyed the previous year. It would seem, therefore, that such factors as differences in management and cultural practices followed by farmers would be all the more significant when interpreting results.

5. Closely associated with the matter referred to above, are the mechanics of the data gathering process. For wheat, rice and maize, crop samples were collected from an area of 6 x 7 meters, or 42 square meters. For cotton, it was 12 x 7 meters, or 84 square meters. The figures obtained from these plots are multiplied by 100 for the grains and 50 for cotton to secure yields per feddan. To obtain accurate figures in the field from a vast number of plots requires that the enumerators exercise great care, and that the entire process is under constant supervision. A small error in sampling, because it is being converted to a feddan basis, can result in large errors in the recorded figures.

6. With regard to IBRD's dependence (p. 139) on certain coefficients established by experiments to estimate incremental benefits attributable to drainage, this is partly true. The coefficients attained from experiments by the Ministries of Irrigation and Agriculture as well as by the Universities of Alexandria and Cairo were only used to help make a judgement as to what the incremental yields were likely to be. They were considered being fully aware of the limitations of the experiments that provided the data. The coefficients used by the Bank in its appraisal reports were lower than those

provided by experiments, more than 50% in some cases. Furthermore, the experimental coefficients were considered because they were the only data available. More precise figures than those reported by these experiments are still not available. Hence, the significance of the new monitoring and evaluation program mentioned in paragraph 3. In addition, caution was exercised in the appraisal through the sensitivity analysis used in the Nile Delta Drainage II Project, for example (with costs up by 25% and benefits down by 25%)* allowing for the possibility that yield levels could be lower than estimated.

7. Regarding the reference about maintenance work, which is without question one of the major factors why tile drains may not be functioning properly, this point has been cited frequently in supervision reports since 1975 as being in need of improvement. Since the maintenance responsibility has now been given to EPADP, and a satisfactory organizational and operational plan has been prepared, action appears to have been taken on this matter.

8. The point regarding the appropriateness of selected areas in the drainage project (p. 205) may be valid to a certain degree in some areas. No doubt the more aggressive farmers or more influential ones may exert pressure to see that their lands are supplied with drains first. It must be realized, however, that subterranean tiles are placed according to catchment areas which involve not only Class II soils but all classes of soils in any one catchment area. It would not be feasible to restrict the installation of drains to only Class III soils in any one catchment area. Moreover, tile drains are installed not only to reclaim waterlogged and saline soils, but also to prevent the deterioration of land due to waterlogging, i.e., preventing Class I from becoming Class II or Class III soils.

9. For wheat, cotton, rice and maize, the yield figures (Appendix Tables 1-21), inside and outside the project area fluctuate from year to year. This fluctuation could be due to the crop samples being collected from plots on different soil classes in all areas each year. It is my understanding that crop samples ignored soil classes both in the project area as well as outside the project site.

10. The inferences made in Chapter VIII: "Offsetting Factors Responsible for the Failure of the Drainage Project", that the drainage program ignored the socio-economic factors is not justified. Those involved in appraising the drainage projects were keenly aware of the farmers' views, needs and attitudes. This is the major reason why provisions were made in all drainage projects to assist the Extension Service to better serve the farmers in all areas where drainage works were completed and contemplated. This assistance was provided for in the form of technical assistance, equipment and supplies. At the same time, EPADP was required, under the terms of agreement, to provide training to the Extension Agents on matters related to the drainage program. Unfortunately, because of the lack of coordination between the Ministry of Irrigation and the Ministry of Agriculture, this

* Rate of return was still satisfactory, 15.3%

activity has been slow in being implemented. This has not been because the Bank has not pushed for it. The training programs for the Extension Agents that have recently been implemented have been due to Bank's insistence that EPADP follow through on its responsibilities. The reports from Extension Agents who have taken the course have been favorable. Thus, it is hoped that this training will help correct a number of conditions that are hampering the drainage projects.

11. It seems that Dr. Khedr, and many other people, have become confused about the role of the Bank in the drainage program. They sometimes mistakenly believe that the drainage projects are the Bank's projects and that the Bank is the implementing agency, the decision maker as well as the agency to back stop all activities.

12. The Bank has requested that DRI take the leadership in preparing a documented response to Dr. Khedr's thesis, and that the views of EPADP and those of the Ministry of Agriculture be incorporated in the reply. We have also asked that action be taken immediately, and that a copy of the response as soon as prepared be sent to the Bank for its records.

cc: Messrs: Naylor, Economides, Donovan (EMP)

FBSands/vfd

EGT 1285/637
EGT 1439/1440/4719

LT

December 7, 1978
74515

FR/IT

0 STAFF
1 HERE
TO

DR ALMOTAZ MOBARAK, UNDERSECRETARY, MINISTRY OF HEALTH

CITY/COUNTRY

CAIRO, EGYPT

MESSAGE
NO.:

REOURLET NOVEMBER 8 AND FURTHER DISCUSSIONS WITH SWAYZE. PLEASED
THAT YOU ARE ABLE TO ATTEND WASHINGTON DISCUSSION IN JANUARY. DUE
TO STAFF COMMITMENTS WE PROPOSE TO HAVE THE MEETING ON ONGOING
BILHARZIA PROGRAM AND FUTURE EXPANSION AND MAINTENANCE EARLY JANUARY,
SAY FROM JANUARY 8 TO JANUARY 10. PLEASE CABLE IF TIMING CONVENIENT
FOR YOU. REGARDS, NAYLOR, INDIVAS.

Credits 393, 637 and 719-EGT

PEconomides/gk(EMP)

PL Naylor, Chief EMP4

Cleared with and cc: Mr. Swayze(EMI)

cc: Mr. Webbe(London),

Mr. Lee

EGT 1439/1440/4719

Files

December 5, 1978

Franz Kaps, *FK* Loan Officer, EMIDA

EGYPT--Nile Delta II Drainage Project (Loan 1439, Loan 1440-T, and Credit 719)

At the request of Mr. Economides, I telephoned Mr. Sass of Kreditanstalt fuer Wiederaufbau (KfW) in Frankfurt to enquire about the preparation of a DM 100 million loan designed to finance the production of PVC plastic pipes, a part of the above project. Mr. Sass admitted that the preparation of the relevant technical report by KfW has been delayed, but that it was now scheduled to be submitted for final approval by the Ministry of Economic Cooperation before year end. The Egyptian authorities have been informed that a contract was likely to be signed before the end of the first quarter 1979 and that the remaining steps to be taken were just a formality. Mr. Sass confirmed that DM 65 million out of the loan was to be used to cover foreign expenditures, the remaining DM 35 million to cover local expenditures.

cc: Messrs. Köpp/Swayze/Economides/Naylor/Krishna

FKaps/ms

EGT 14393

EGT 1439/1440/14719

November 30, 1978

Dr. G. Webbe
Scientific Director
London School of Hygiene and
Tropical Medicine
Winches Farm Field Station
395 Hatfield Road
St. Albans, Herts
England

Dear Jerry:

Please find attached a copy of the Plan of Operation for the
Bilharzia Control Program under Nile Delta II Drainage Project.

I will be grateful if you would review this document and send
me your comments.

With best regards.

Sincerely,

Paris Economides
Irrigation Engineer
Agriculture Division IV
Europe, Middle East and North Africa
Region
Projects Department

PEconomides;eld

EGT- Cr 181 yellow
EGT- Cr 393
EGT- EPADP- General

The World Bank / 1818 H Street, N.W., Washington, D.C. 20433, U.S.A. • Telephone: (202) 393-6360 • Cables: INTBAFRAD

EGT- Ln 1439/1440 / Cr 719
EGT- Ln 1285 / Cr 637
EGT- Agriculture Section
November 30, 1978 (DRAINAGE V)

Mr. Ahmed M. Fahmy
Chairman
Egyptian Public Authority for
Drainage Projects
5A El Goheiny Street
Dokki, Giza
Egypt

Dear Mr. Fahmy:

I was pleased to learn from our recent project review mission that positive measures have been taken by EPADP for the maintenance of field drainage and that field maintenance units have been established all over the country. I also understand that arrangements are being made for the maintenance of open drains, an activity which will come under the responsibility of EPADP from January 1, 1979. I hope that these measures will lead to the solution of the problem of maintenance of drainage works, and I urge you to continue your efforts for improvement. The mission also reported that a training program of extension agents covering all drainage aspects, is underway. I was very pleased to learn this as I believe that a close collaboration of EPADP with the Extension Service is absolutely necessary for the improvement of the maintenance of drainage works and for the proper use of water for irrigation.

I was also very pleased to learn that action has been taken towards the evaluation of the drainage works and that a new evaluation program has begun which is expected within two years to provide accurate data on the effect of drainage works on yields and soil properties. The mission also reported that the evaluation committee, in which the Ministry of Agriculture is well represented, has been re-established and meetings are held regularly. The evaluation of the drainage works is vitally important as it will provide a basis of justification for the enormous investments and efforts the Egyptian Government is making and I seek your full personal support for the starting program so that it may be carried out successfully. I would like to re-emphasize what Mr. Economides told you about the impossibility of Board approval for another drainage loan without firm data on the benefits of drainage. I would also strongly recommend that the Drainage Research Institute include in their work program field studies on the depth of drains and on the use of gravel envelopes. This recommendation

was include in our letter to the Acting Director of the Institute, copied to you.

The performance of EPADP in field drainage is a matter of concern. According to the information furnished in the progress reports, the area covered with field drainage on Bank only projects during the first three quarters of 1978 was 124,000 feddans. In view of this, the mission estimates that the performance of the year will not exceed 180,000, maximum 200,000 feddans, compared to a target of 220,000 feddans. I understand the main reason for this slow performance is the shortage of cement, and hope that with the procurement of cement from abroad the situation will improve in the future.

Another matter of concern is the slow implementation of the Nile Delta Drainage II project. Considerable delays occurred in the preparation of tender documents for the four pumping stations and till now, no action was taken for the procurement of equipment under this project (draglines and excavators, vehicles, etc.). As Mr. Economides explained to you, the fact that the KFW loan has not yet been approved by the German Government should not be considered as a reason for non-disbursement. According to the Development Credit Agreement (Section 5.01) and the General Conditions Applicable to Development Credit (Section 6.02), "the Association may by notice to the Borrower suspend in whole or in part the right of the Borrower to make withdrawals from the Credit Account." We have already extended the date of the signature of the agreement with the German Government to December 31, 1978 and we are ready to consider a further extension if necessary. Therefore, there is no obstacle for disbursement and I urge you to proceed with the procurement of equipment as soon as possible.

The mission reported that the contract with Cincinnati Milacron Co. for the procurement and installation of the three PVC pipe making factories was signed on October 21. I hope this problem, that caused delay of one year in the implementation of the Upper Egypt Drainage II project, has finally been solved. I trust that EPADP will make every effort to ensure that the factories become operable on the foreseen dates. With the signature of the contract, I think it is time to advertise the international tender for the installation of field drainage under the Upper Egypt Drainage II project.

I was also made aware that six mobile crushers have been received by EPADP. I would like to know what arrangements you are planning to make for the use of the crushers. Taking into account the inadequate size of gravel currently used for gravel envelope, it is vitally important to start using the crushers as soon as possible so that the quality of the gravel used will be improved.

November 30, 1978

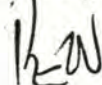
I would like to draw your attention to the fact that considerable delays occurred in the establishment of the cost accounting system and EPADP is in default in this respect. I understand that a number of accountants are now being recruited by EPADP to form the cost accounting unit. It is necessary that arrangements be made as soon as possible to enter into a contract with one of the local consultant firms so that the training of the accountants may start immediately. I believe with some effort the cost accounting systems could be established early next year.

Concerning the cost recovery of field drainage installation, although some improvement has been reported by the mission, there is still a lot to be done to become satisfactory. If by providing bonuses to the tax collectors you expect that you can reach the desired degree of cost recovery, please take the necessary action.

Finally, I should like to thank you again very much for the assistance and hospitality extended by you and your staff to our mission on its recent visit to review the progress of the ongoing projects.

With kind regards.

Sincerely yours,



Peter E. Naylor
Chief, Agriculture Division IV
Europe, Middle East and
North Africa Projects Department

cleared with and cc: T. Swayze

cc: Messrs. Sands and Rehman

PEconomides;eld



EGT - Lm. 1439-1440/719
" 30/78

IBRD AND IDA - SUPERVISION SUMMARY

This summary is the initial summary
☒ part of a mission report
☐ a semi-annual update
☐ the completion summary

Regional Office: **EMENA** Project Name: **Nile Delta Drainage II** Project Code: **15-EGT-AI-04** Loan ☒ Credit ☒ No.: **1439-1440/719** L/C Amount (\$xx.xm): **66.0 /1**
 Country: **EGYPT** Borrower/Beneficiary: **Egyptian Public Authority for Drainage Projs. (EPAD)** Board Date: **5/31/77** Signing Date: **7/15/77** Effective Date: **4/17/78**
 Projects Dept./Div. Name: **EMPA4** Org. Code No.: **156/13** Projects Officer: **P. Economides** Loan Officer: **T. Swayze**

SECTION 1: SUMMARY PROJECT DESCRIPTION Construction of four new pumping stations and replacement of pumping units in two existing stations; remodelling of open drains on 810,000 feddans and installation of field drainage on 400,000 feddans; extension of Bilharzia control program to 1.2 m feddans in Upper Egypt; partial financing of Master Plan for Water Resources.

SECTION 2: PERFORMANCE RATING

STATUS: 1 - Problem-free or Minor Problems; 2 - Moderate Problems; 3 - Major Problems

TREND: 1 - Improving; 2 - Stationary; 3 - Deteriorating

TYPES OF PROBLEMS: F - Financial; M - Managerial; T - Technical; P - Political; O - Other (Explain in Section 5)

If more than one type of problem, enter most critical factor first.

Designated a "problem project" in most recent SVP review?

Y - Yes; N - No

N

This Summary

Last Summary

2**-****2****-****T M****- - -****SECTION 3: PROJECT DATA**

Estimated/Actual:	Project Completion (Mo./Yr.)	Loan/Credit Closing (Mo./Day/Yr.)	Total Project Cost (\$xx.xm)	of which:		Cumulative Disbursements through most recent Quarter ended (9 /30 /78) (\$xx.xm)
				Foreign Currency (\$xx.xm)	Local Currency (\$xx.xm)	
Appraisal Est.	12 . 82	12 . 31 . 83	207 . 0	90 . 0	117 . 0	15 . 9 (Est.)
Last Summary (11 /30 /78)	6 . 83	12 . 31 . 83	207 . 0	90 . 0	117 . 0	-
Current	6 . 83	12 . 31 . 83	207 . 0	90 . 0	117 . 0	0 . 0 (Actual)

SECTION 4: MISSION SCHEDULE

	No. of Staff on Mission	No. of Days in Country	Return to HQ (Mo./Day/Yr.)	Final Report Date (Mo./Day/Yr.)
Latest/Present Mission	3	3	10 . 30 . 78	11 . 30 . 78 (FS)*
Previous Mission	1	1	4 . 24 . 78	5 . 18 . 78 (FS)*
Next Mission Departure (Mo./Yr.)	2 . 79	Recommended interval between missions (Months)	End of period covered by latest progress report (Mo./Day/Yr.)	9 . 30 . 78

* Type of Report: FS = Full Supervision; CS = Combined Full/B-T-O; C = Completion; A = Appraisal; O = Other (explain below)

SECTION 5: COMMENTS (Explain "other" in Section 2 and clarify, if necessary, data in Sections 3 and 4)

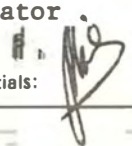
1. \$27 m IDA, \$27 m IBRD, \$12 m Third window. KFW co-financing \$24 m for production PVC pipes

SECTION 6: SUMMARY OF PROJECT'S A US, TREND, AND MAJOR PROBLEMS

The Bank Credit/Loan became effective on April 17, 1978. The KFW loan has not yet been approved by the German Government. No explanation was given for this delay. Some progress has been made with the remodelling of open drains. As of September 1978 about 41,000 feddans were completed. It is expected that by the end of 1978 some 100,000 feddans will be completed against a target of 200,000 feddans. Contractors are temporarily using the equipment provided under Nile Delta Drainage I Project for remodelling.

Tender documents for the four new pumping stations have been prepared and approved by the Bank. However, there is a problem with the evacuation of the discharge water of the station of Mehalla El Kobra. There are two solutions envisaged: one to evacuate the water into the Mehalla Canal and the other to evacuate the water directly into the Damietta Branch of the Nile. The first solution presents a risk to increase the salinity of the Mehalla Canal, the second requires the construction of a new drain. EPADP is studying the problem and a final decision will be made by the end of November. The tender will be advised subsequently.

No action has been taken by EPADP for the procurement of draglines and excavator

Preparing Officer: **P. Economides**Initials: Date: **11/30/ 8**

Section 6 con't.

Some changes are proposed by EPADP in the project subareas to reflect changes in priorities. These changes are shown in Annex 4. In view of the slow performance of last year, a new overall drainage program covering the period 1979-1984 is now proposed by EPADP for the Bank's approval. According to this program, the project is expected to be completed by mid-1983. The proposed program is shown in Annex 4.

The Bilharzia control plan of operation was handed to the mission on October 24, together with tender documents for the procurement of vehicles. The program, covering the area between Asyut Barrage and Aswan Dam, is expected to start in the Spring of 1979 and be completed by the end of 1981.

Section 7. ACTION TAKEN OR RECOMMENDED

- Letters have been sent to Mr. Ahmed Fahmy, Chairman of EPADP and Dr. ElMotaz Mobarak, Undersecretary of the Ministry of Health in which the main findings of the supervision mission have been brought to their attention. (Annex 1)
- Cables approving specifications for pumping stations and vehicles have been sent to EPADP and Ministry of Health respectively. (Annex 1)
- Bank should contact KfW to inquire about the approval of the loan.

cc: Messrs. Paijmans, Kwaku, Kopp(3), Swayze(EM1); Haynes, K. Jones, Frank, French-Mullen, Merghoub, Khorana, Rehman, Sands, (EMP), van der Tak(3) (PAS); Yudelman(2)(AGR); Krishna(LEG), Hakim, Subramanian(CTR); Robless(PAB); Kordik(2)(OED)

The World Bank / 1818 H Street, N.W., Washington, D.C. 20433, U.S.A. • Telephone (202) 393-6360 • Cables: INTBAFRAD

November 30, 1978

Mr. Ahmed M. Fahmy
Chairman
Egyptian Public Authority for
Drainage Projects
5A El Goheiny Street
Dokki, Giza
Egypt

Dear Mr. Fahmy:

I was pleased to learn from our recent project review mission that positive measures have been taken by EPADP for the maintenance of field drainage and that field maintenance units have been established all over the country. I also understand that arrangements are being made for the maintenance of open drains, an activity which will come under the responsibility of EPADP from January 1, 1979. I hope that these measures will lead to the solution of the problem of maintenance of drainage works, and I urge you to continue your efforts for improvement. The mission also reported that a training program of extension agents covering all drainage aspects, is underway. I was very pleased to learn this as I believe that a close collaboration of EPADP with the Extension Service is absolutely necessary for the improvement of the maintenance of drainage works and for the proper use of water for irrigation.

I was also very pleased to learn that action has been taken towards the evaluation of the drainage works and that a new evaluation program has begun which is expected within two years to provide accurate data on the effect of drainage works on yields and soil properties. The mission also reported that the evaluation committee, in which the Ministry of Agriculture is well represented, has been re-established and meetings are held regularly. The evaluation of the drainage works is vitally important as it will provide a basis of justification for the enormous investments and efforts the Egyptian Government is making and I seek your full personal support for the starting program so that it may be carried out successfully. I would like to re-emphasize what Mr. Economides told you about the impossibility of Board approval for another drainage loan without firm data on the benefits of drainage. I would also strongly recommend that the Drainage Research Institute include in their work program field studies on the depth of drains and on the use of gravel envelopes. This recommendation

was include in our letter to the Acting Director of the Institute, copied to you.

The performance of EPADP in field drainage is a matter of concern. According to the information furnished in the progress reports, the area covered with field drainage on Bank only projects during the first three quarters of 1978 was 124,000 feddans. In view of this, the mission estimates that the performance of the year will not exceed 180,000, maximum 200,000 feddans, compared to a target of 220,000 feddans. I understand the main reason for this slow performance is the shortage of cement, and hope that with the procurement of cement from abroad the situation will improve in the future.

Another matter of concern is the slow implementation of the Nile Delta Drainage II project. Considerable delays occurred in the preparation of tender documents for the four pumping stations and till now, no action was taken for the procurement of equipment under this project (draglines and excavators, vehicles, etc.). As Mr. Economides explained to you, the fact that the KFW loan has not yet been approved by the German Government should not be considered as a reason for non-disbursement. According to the Development Credit Agreement (Section 5.01) and the General Conditions Applicable to Development Credit (Section 6.02), "the Association may by notice to the Borrower suspend in whole or in part the right of the Borrower to make withdrawals from the Credit Account." We have already extended the date of the signature of the agreement with the German Government to December 31, 1978 and we are ready to consider a further extension if necessary. Therefore, there is no obstacle for disbursement and I urge you to proceed with the procurement of equipment as soon as possible.

The mission reported that the contract with Cincinnati Milacron Co. for the procurement and installation of the three PVC pipe making factories was signed on October 21. I hope this problem, that caused delay of one year in the implementation of the Upper Egypt Drainage II project, has finally been solved. I trust that EPADP will make every effort to ensure that the factories become operable on the foreseen dates. With the signature of the contract, I think it is time to advertise the international tender for the installation of field drainage under the Upper Egypt Drainage II project.

I was also made aware that six mobile crushers have been received by EPADP. I would like to know what arrangements you are planning to make for the use of the crushers. Taking into account the inadequate size of gravel currently used for gravel envelope, it is vitally important to start using the crushers as soon as possible so that the quality of the gravel used will be improved.

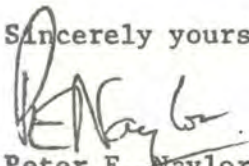
I would like to draw your attention to the fact that considerable delays occurred in the establishment of the cost accounting system and EPADP is in default in this respect. I understand that a number of accountants are now being recruited by EPADP to form the cost accounting unit. It is necessary that arrangements be made as soon as possible to enter into a contract with one of the local consultant firms so that the training of the accountants may start immediately. I believe with some effort the cost accounting systems could be established early next year.

Concerning the cost recovery of field drainage installations, although some improvement has been reported by the mission, there is still a lot to be done to become satisfactory. If by providing bonuses to the tax collectors you expect that you can reach the desired degree of cost recovery, please take the necessary action.

Finally, I should like to thank you again very much for the assistance and hospitality extended by you and your staff to our mission on its recent visit to review the progress of the ongoing projects.

With kind regards.

Sincerely yours,



Peter E. Naylor

Chief, Agriculture Division IV
Europe, Middle East and
North Africa Projects Department

November 16, 1978

Mr. Ahmed Fahmy
Chairman
Egyptian Public Authority
for Drainage Projects
5A Elgoheiny Street
Dokki-Giza
Egypt

Dear Mr. Fahmy:

Reference is made to your letter of October 21 handed to our last project review mission, concerning the overall drainage program in Egypt.

Please find attached for your review and approval three copies of a revised overall drainage program for Bank projects only, concerning the period 1978-1984. You will notice that for the Year 1978, we have reduced the area expected to be provided with field drainage to 200,000 feddans. Since during the three quarters of this year the performance was only 124,000 feddans, we thought it was wiser to limit our expectations for the year to 200,000 feddans.

If you agree with the proposed program, please advise us accordingly.

With best regards.

Sincerely yours,

Peter E. Naylor
Chief, Agriculture Division IV
Europe, Middle East and
North Africa Projects Department

Attachment

cleared with and cc: Mr. Kaps

PEconomides;eld

EAT- Ln. 1285/Cr 637
ANNEX 1-C

EAT- Cr 181
EAT- Ln 1439/1440/Cr 719

November 16, 1978

Mr. Ahmed Fahmy
Chairman
Egyptian Public Authority
for Drainage Projects
5 A Elgoheiny Street
Dokki-Giza
Egypt

Dear Mr. Fahmy:

Reference is made to your two letters dated September 19 and September 23 concerning proposed changes in the project area of Upper Egypt I and II projects and Nile Delta I and II projects.

On the basis of the information furnished, we have no objection to your proposals. We are including herewith four tables showing, for each project, the areas considered at appraisal and the areas proposed. We will be grateful if you would examine carefully these tables and let us know if you agree with the figures. New maps showing the areas under each project will be prepared subsequently.

Please note that, according to your proposals, the total areas in Nile Delta I and Nile Delta II projects are being increased by 10,000 and 18,000 feddans, respectively. We would like to avoid such an increase, thus, in reviewing the tables, please try to cut some areas in order to reduce the totals to the original figures.

Sincerely yours,

Peter E. Naylor
Chief, Agriculture Division IV
Europe, Middle East and
North Africa Projects Department

Enclosures

cleared with and cc: Mr. Kaps

PEconomides;eld

EGT - Ln 1285 / ANNEX 1-D
EGT Ln. 1439 / 1441/2

November 8, 1978

Dr. Mostaf Mobarak
Undersecretary
Ministry of Health
Cairo, Egypt

Dear Dr. Mobarak:

We were very pleased to learn from our consultant, Dr. G. Webbe, who recently visited Egypt, that snail control operations are continuing to be applied efficiently, and that mollusciciding in the Ibrahimia Canal again proved very successful, giving excellent coverage in the irrigated area under its command, and providing important protection against infestation by Biomphalaria alexandrina, along its course and in branch canals.

We were also pleased to learn that satisfactory progress is being made with chemotherapy in many parts of the project area. However, as Dr. Webbe discussed with you, a greater effort should be made to increase the rate of patient examination and treatment throughout the project area, particularly in Beni Suef Governorate, in order to obtain the optimum control benefit from the combined chemotherapy-snail control strategy.

We are very sorry to learn that the independent evaluation teams have not produced adequate epidemiological evaluation data, but are encouraged that new teams of Ministry personnel have now been trained to undertake this work, and that the collection, banking and analysis of epidemiological data are receiving high priority. We hope that initial results will be available for appraisal early in 1979 in order to estimate the cost-effectiveness of the control strategy. This is vitally important as a basis of scientific justification for the applied measures and in order to support the expansion of control activities in other areas.

We are also concerned that the garage complex in Minya is still not in use and that there are no central garage and maintenance facilities there or in Beni Suef. In addition, we hope that the question of payment of incentives and overtime to field staff involved in the Bilharzia control program will be settled soon.

November 8, 1978

We are conscious of the need to consider the on-going application of control measures in the project area during the maintenance phase, i.e. post-1979. Accordingly, we would very much appreciate if you could attend a short meeting in Washington early in 1979 for this purpose, and to review the general progress of the work and the expansion of Bilharzia control activities in Upper Egypt. Please let us know when it would be convenient for you to come to Washington to discuss these matters.

Finally, we should like to thank you again very much for the assistance and hospitality extended by you and your staff to Dr. Webbe on his recent visit to review the progress of the program.

With kind regards.

Sincerely yours,

Peter E. Naylor
Chief, Agriculture Division IV
Europe, Middle East and
North Africa Projects Department

cleared with and cc: Mr. Swayze

Webbe/Economides;eld

cc: Messrs. Lee and Webbe

The World Bank / 1818 H Street, N.W., Washington, D.C. 20433, U.S.A. • Telephone: (202) 393-6360 • Cables: INTBAFRAD

November 22, 1978

Dr. Mohamed Hassan Amer
Acting Director
Drainage Research Institute
13 Giza Road
P.O. Box 33
Giza, Cairo
Egypt

Dear Dr. Amer:

Please accept our congratulations for your appointment as Acting Director of the Drainage Research Institute. We are confident that with your training, experience and interest in the drainage problems of your country, you will supply the leadership to conduct programs that will successfully meet all challenges.

On the last mission to Egypt, Mr. Sands had a rewarding experience talking with you, the Dutch Consultants and Engineer Farnad M. Ramadan about the monitoring and evaluation program as well as activities of the Drainage Research Institute. He also had a chance to review the various publications prepared by the Drainage Research Institute and the Dutch Consultants. These reports presented at the First Panel Meeting in January 1976 through to the Fifth Panel Meeting in August 1978 would be valuable to us, and we would appreciate having copies of them. The reports will help us to have a better understanding of the different components of the whole drainage program in Egypt, and also acquaint us with the research projects being conducted by the Drainage Research Institute. We would also like to be placed on your mailing list so that we can receive all future publications and reports prepared by the Dutch Consultants, especially those on the monitoring and evaluation program, and the Drainage Research Institute. We look forward to receiving these publications at your earliest convenience.

As you are aware, the criteria used for the design of the drainage system has been based on the principle that water table levels should be reduced to one meter below the ground surface within two to three days following irrigation. There still remains, however, some doubts as to whether the minimum, effective drainage depth of one meter is the optimum, agronomically and economically. With large future investments being scheduled, we believe that detailed field studies should be conducted in order to confirm or, if necessary, modify the design criteria. These studies, because of their importance, we hope you will include in the program of DRI.

Another highly significant subject, is that of gravel envelopes for field drains. Although it is true that the risk of sedimentation in the drains installed in clay soils is low, gravel envelopes could be justified in clay soils, on the basis of providing adequate permeability for the groundwater to move into joint openings without a significant loss of head. This improvement in hydraulic conductivity around the drains could be significant. We believe that the DRI could make a real contribution to the drainage program by conducting field tests, with an appropriate grade of gravel envelopes, to evaluate the benefits that could be derived from the use of gravel or other envelopes in each type of soil, and to determine the economic feasibility of using envelopes on tile drains. We trust you will give the above two matters priority in your research program.

I understand from our last mission that you have had only a brief chance to look over Dr. Hassan Aly Khedr's thesis expressing critical views on the drainage program. We urge you and your staff to review this thesis carefully so that a documented response can be prepared as soon as possible, in order to prevent inaccurate statements from being repeated. I know also that the Chairman of EPADP is also most anxious to put the record straight and wishes to assist you in preparing this reply. Dr. Yussef Wally of the Ministry of Agriculture has urged that his Ministry's views be taken into account as well. We would appreciate having a copy of your remarks as soon as prepared for our records.

Since the Chairman of EPAP is also keenly interested in our relationship with the drainage program, we have sent him a copy of this letter for his information.

With kind regards,

Sincerely yours,

Peter E. Naylor
Chief, Agriculture Division IV
Europe, Middle East and North Africa Region
Projects Department

cc: Mr. Ahmed Fahmy
cc: Mr. Economides

FBSands/vfd

EGT. ON 373
OCTOBER 20, 1978
75374

ANNEX 1-F

FR/MT

EGT-LN 1285/CR 637

EGT-LN 1439/1440/CR 719

DELTATILE

CAIRO, EGYPT

FOR AHMAD FAHMY, CHAIRMAN. RE CREDITS 181 AND 393-EGT AND CREDIT/
LOAN 637/1285-EGT DRAINAGE PROJECTS EGYPT. ON BASIS OF REVIEW BY
ECONOMIDES AND PROVIDED SUGGESTED CHANGES MADE BANK HAS NO
OBJECTION TO SPECIFICATIONS AND ISSUANCE FOR AAA TWO PVC PLANTS AND
2000 TONS PVC POWDER, BBB TEN TILE LAYING MACHINES, AND CCC 75,000
TONS CEMENT. PLEASE ADVISE DATES BIDS TO BE RECEIVED AND FURNISH
TWO COPIES OF AS ISSUED SPECIFICATIONS. REGARDS NAYLOR INDEVAS

END
OF
TEXT

EGYPT - (1) Credits 181/393-EGT
(2) Credit/Loan 637/1285-EGT

cc: Messrs. Economides, Swayze

ALSchwenneker:sl

Waylor, Chief

EMPA IV

LT

NOVEMBER 6, 1978
75374

ANNEX 1-G
FR 1/1

DELTATILE

CAIRO, EGYPT

FOR AHMED FAHMY, CHAIRMAN. RE TENDER FOR TEN COLLECTOR PIPE LAYING
MACHINES UPPER EGYPT DRAINAGE PROJECT ONE CREDIT 393 FURNISHED
ECONOMIDES. WE NOTE THAT YOU HAVE DELETED OPTION OF REQUIRING FIELD
TESTS IN SPECIFICATIONS TO DETERMINE SUITABILITY OF MACHINES. YOU
MAY WISH TO RECONSIDER AND INCLUDE REQUIREMENT IF YOU RECEIVE REQUEST
FOR DOCUMENTS FROM FIRMS WHICH HAVE NOT TESTED MACHINE IN EGYPT
PREVIOUSLY. YOU COULD INCLUDE ALTERNATE SCHEDULE FOR PRICE WITH FIELD
TESTING. ALSO NOTE YOU HAVE FAILED TO INCLUDE DESIRED TIME FOR
DELIVERY IN CHAPTER THREE. CHANGES COULD BE FURNISHED PROSPECTIVE
BIDDERS BY SUPPLEMENTAL NOTICE. PLEASE FURNISH TWO COPIES OF ANY
SUPPLEMENTAL NOTICES ISSUED. REGARDS NAYLOR INDEVAS

END
OF
TEXT

EGYPT - Credit 393-EGT

cc: Messrs. Morse, Swayze
Cleared w/cc: Mr. Economides

ALSchwenneker:sl

P. Naylor, Chief
EMPA IV

LT

1148

OCTOBER 30, 1978
75374

ANNEX 1-H

DELTATILE

CAIRO, EGYPT

FOR AHMED FAHMY, CHAIRMAN. RE CREDIT/LOAN 637/1285 AND YOUR LETTERS
OF AUGUST 27 AND OCTOBER 14, 1978 ON AWARD OF 60 TON TRUCK TRAILERS.
ON BASIS OF INFORMATION FURNISHED AND YOUR RECOMMENDATION BANK HAS
NO OBJECTION TO YOUR AWARD OF CONTRACT FOR SIX TRUCK TRACTOR -
TRAILER COMBINATIONS AND ONE STANDBY TRUCK TRACTOR FOR 1,414,270
DUTCH FLORINS WHICH INCLUDES TWENTY PERCENT FOR SPARE PARTS. PLEASE
FURNISH TWO CONFORMED COPIES OF CONTRACT PROMPTLY AFTER AWARD AND
PRIOR TO SUBMITTAL OF FIRST APPLICATION FOR WITHDRAWAL OF FUNDS
WITH RESPECT TO THIS CONTRACT. REGARDS NAYLOR, INTBAFRAD

END
OF
TEXT

EGYPT - Credit/Loan 637/1285

cc: Messrs. Morse, Economides,
Swayze,

Hakim (CTR) with copy EMPA IV
of Fm 384

ALSchwenneker:sl

P. Naylor Chief

ARAB REPUBLIC OF EGYPT

Nile Delta Drainage II

Places Visited and Officials Met

1. Places Visited

Cairo: October 3 - 9
 October 14 - 23

Alexandria: October 10-13

Field trips: October 8: East Delta (Zagariq, Aga, Mansourah)
 October 10: Middle Delta (Tanta)
 October 11: West Nubariya
 October 12: West Nubariya
 October 14: West Delta (Damanhur)

2. Officials Met

EPADP

Eng. Ahmed Fahmy
Eng. Abdelmoneim El Inani
Eng. Kemal Fetiha
Eng. Ahmed Lutfi
Eng. Roushdi Sinarah
Eng. Toot Sharabim
Eng. Karam Gaid
Eng. Sami Mouhsim
Eng. Said Eid
Eng. Anis Naguib
Eng. Abdel Mooti El Desouki
Eng. Maurice Halim
Eng. Mahir Shita
Eng. Artin Halim
Eng. Ahmed Sawaf
Eng. Wadiya Raffla
Eng. Asaad Fahmy

Chairman
Vice Chairman for Nile Delta
Vice Chairman for Upper Egypt
Undersecretary for Finance
Undersecretary for Maintenance
Undersecretary for Mechanical Dept.
Undersecretary for Planning
Undersecretary for Upper Egypt
Undersecretary for Lower Egypt
Director General for Planning
Director General for Design
Director General for East Delta
Director General Middle Delta
Director General West Delta
Director Technical Office
Director Training and Evaluation
Chairman Evaluation Committee

Drainage Research Institute

Eng. Mohamed Hasan Amer
Eng. Mrs. El Guindy

Acting Director
Research Agronomist

Ministry of Irrigation

Eng. Abelhadi Sanaha
Eng. Mohamed El Guindy

Minister
Vice Minister

Ministry of Agriculture

Dr. Youssef Wally
Mr. Adel Sarki
Dr. Azmy Abu Hassein
Dr. Mohamed Moustafa Abdelwariz
Mr. Zaki Fahmy

Technical Advisor to the Minister
Controller for International Organizations
Chairman Soil Amelioration Authority
Director General Amelioration Authority
Technical Officer

Ministry of Health

Dr. O. El Zimaity
Eng. H. Olama

Director General Bilharzia Project
Chief Engineer Bilharzia Project

FAO

Mr. Akraim El Jaft
Mr. Pierre Bonmaison
Dr. Neguib Hasan
Mr. William Barber

FAO Country Representative
FAO/UNDP Project Manager
FAO/UNDP Director
FAO/UNDP Consultant

USAID

Mr. Philip Lewis
Mr. Keith Brown

Chief Engineer
Project Officer

ULG Consultants

Mr. M. J. Rayner
Mr. C. J. L. Warr

Team Leader
Deputy Team Leader

UNDP Office

Deputy Resident Representative

Water Master Plan

Mr. Fred Durrant
Mr. Desmond Carr

Manager, EXWAP
Systems Analyst, EXWAP

ARAB REPUBLIC OF EGYPT

Nile Delta Drainage II

Financial Aspects and Disbursements

1. Foreign exchange costs. No foreign exchange cost overrun.
2. Local currency costs. There is no local currency cost overrun. The expected inflation cost increase will be covered by the price contingencies.
3. Local currency availability. The 1978 allocation for EPADP was LE 44 million of which LE 33 million local cost and LE 11 million foreign cost. As of September 30, the amount spent was about LE 30 million. The project's special fund of LE 10 million has not been used. An additional allocation LE 21 million has been approved by the Ministry of Finance and is now in the Parliament for final approval. According to the new regulations, if there is any balance left, it will be transferred to the 1979 budget. This will solve the problem of shortage of local currency which usually occurs at the first quarter of each fiscal year. For the 1979 budget, an amount of LE 85 million has been requested by EPADP—LE 70 million for local costs and LE 15 million for foreign cost. The cost of maintenance of drainage works is included in the 1979 budget.
4. Disbursements. No disbursement was made until now under the Nile Delta Drainage II project. This is due to the delays in preparing tender documents for procurement of equipment and for pumping stations. A revised schedule for Disbursement is given in Table 1 of this Annex. The closing date remains unchanged.

ANNEX 3
Table 1

ARAB REPUBLIC OF EGYPT

Nile Delta Drainage II

Schedule of Disbursements
(as of September 30, 1978)

<u>IBRD Fiscal Year and Quarter</u>	<u>Actual</u>	<u>Appraisal Estimate</u>	<u>Revised Estimate 9/30/78</u>	<u>New Estimate as % of Appraisal Estimate</u>
<u>1978</u>				
December 31, 1977	--	0.1	--	0.0
March 31, 1978	--	5.2	--	0.0
June 30, 1978	--	10.3	--	0.0
<u>1979</u>				
September 30, 1978	--	15.9	--	0.0
December 31, 1978		21.1	0.1	0.05
March 31, 1979		25.7	5.2	20.2
June 30, 1979		30.3	10.3	34.0
<u>1980</u>				
September 30, 1979		35.2	15.9	45.2
December 31, 1979		39.9	21.1	52.9
March 31, 1980		42.7	25.7	60.2
June 30, 1980		45.5	30.3	66.6
<u>1981</u>				
September 30, 1980		48.3	35.2	72.9
December 31, 1980		51.1	39.9	78.1
March 31, 1981		53.2	42.7	80.3
June 30, 1981		55.3	45.5	82.3
<u>1982</u>				
September 30, 1981		57.4	48.3	84.1
December 31, 1981		59.5	51.1	85.9
March 31, 1982		61.1	53.2	87.1
June 30, 1982		62.7	55.3	88.2
<u>1983</u>				
September 30, 1982		64.3	57.4	89.3
December 31, 1982		66.0	61.1	92.3
March 31, 1983		--	64.3	97.4
June 30, 1983		--	66.0	100.0
Closing date		12/31/83	12/31/83	

ARAB REPUBLIC OF EGYPT

Nile Delta Drainage II

Execution of Project

1. Pumping Stations. There are four new pumping stations to be constructed under the project: Mehalla-el-Kobra, Delingat, Abu Hommos and Blad-el Ayed. Technical studies for the pumping stations have been completed with the exception of the Mehalla-el-Kobra station which is still under investigation. The reason for this is the concern felt over the deterioration of the quality of water in the Mehalla Canal into which the discharge water of the pumping station was originally planned to be evacuated. It should be mentioned that the Mehalla Canal provides the city of Mehalla-el-Kobra and the large complex of the textile industry with domestic water. The solution envisaged is the construction of a new drain which will evacuate the discharge water of the station directly into the Nile branch of Damietta. Field studies are underway to determine the operational pumping head and the power required per pump unit under the latter solution. These studies will be completed by the end of November. Tender documents have already been prepared and approved by the Bank. The tender will be advertised immediately after completion of field investigations.

In addition to the construction of the four new pumping stations, the project will provide ten pump units to replace obsolete units in two existing pumping stations. The supply and erection of these pump units will be the subject of a separate tender which will be prepared later.

2. Remodelling Open Drains. Remodelling has started during the second half of the year and as of September 30 some 41,000 feddans have been completed. It is expected that by the end of the year remodelling will cover about 100,000 feddans. The work is carried out by the two main contractor companies (public sector) working in the Delta, using equipment provided under the Nile Delta Drainage I project.

3. Procurement of Equipment. No action was taken until now for the procurement of equipment for remodelling of open drains, for vehicles, etc. EPADP promised to send to the Bank for approval specifications for this equipment very soon.

4. Changes in Project Areas. EPADP is proposing some changes in the project sub-areas without major change in the total project area. The main changes proposed are to exclude from the project the areas of Bahr Saft Ext, (41,000 fed. to be implemented under a Dutch loan) Belbis (20,000 fed. to be included partly in Nile Delta I) and Derawa (15,000 fed. of low priority to be implemented later under Nile Delta III) and include instead 50,000 fed. of Pumping Station No 5 and 29,000 fed. in Shereshra (btoh areas shifted from Nile Delta I). The suggested changes are shown in Table 1 of this Annex.

5. Revised Overall Drainage Program. In view of the slow performances of the drainage works during the last two years a revised overall program is now proposed by EPADP, covering the period 1979-1984. The program is shown in Table 2 of this Annex.

6. Cost Accounting System. After EPADP's request for Bank assistance, draft terms of reference have been prepared and sent to EPADP for the design, training and implementation of the cost accounting system by a local consulting firm. EPADP is now recruiting 18 accountants who will form the cost accounting unit. Negotiations are underway with one of the recommended consulting firms, namely Dr. A. M. Hegazy & Co. It is expected that training activities will start by January 1979.

7. Participation of World Food Program in Drainage Works. A World Food Program project has been prepared to assist the Government in the implementation of the Nile Delta Drainage II project. The project consists of providing food to the laborers working for the drainage works. The value of the provided food at local market prices is estimated at LE 0.32 per person per day of which the laborer will pay only LE 0.18. The collected money will go to a special account for financing local cost of the drainage works. It is estimated that about 25,000 to 30,000 fed. will be provided with field drainage under the Nile Delta II project with financing (local) by the World Food Program project. The contribution of the World Food Program to the Nile Delta II project is US\$ 18 million. The project will be effective early 1979.

ARAB REPUBLIC OF EGYPT

Nile Delta Drainage II Project

Revised Project Areas

Symbol	Catchment Area	Total Area		Remodelling Open Drains		Field Drainage		Remarks
		Appraisal	Proposed	Appraisal	Proposed	Appraisal	Proposed	
		-----Feddans-----						
A. <u>Eastern Delta</u>								
OE 4	Bahr Saft	105,000	105,000	30,000	30,000	—	—	To be executed under Dutch loan shifted to Nile Delta I
OE 5	Kassaby	88,000	88,000	49,000	49,000	—	—	
OE 6	El Arim	60,000	60,000	60,000	60,000	—	—	
OE 7	Bahr Saft Ext	41,000	—	41,000	—	41,000	—	
OE 8	Belbis	20,000	—	20,000	—	20,000	—	
OE 9	Kharaka	22,000	22,000	22,000	22,000	—	—	
OE 10	Nizam PS	45,000	45,000	45,000	45,000	45,000	45,000	
OE 11	El Aid	28,000	28,000	28,000	28,000	28,000	28,000	
OE 12	Bany Ebid	53,000	53,000	53,000	53,000	—	—	
	Subtotal	462,000	401,000	348,000	287,000	134,000	73,000	
B. <u>Middle Delta</u>								
IV	P.S. No. 5	25,000	75,000	25,000	75,000	25,000	75,000	50,000 fed shifted from Nile Delta I
XI	Upper No 9 - Nashart	120,000	120,000	120,000	120,000	120,000	120,000	
XII	Mehalla El Kobra	43,000	43,000	43,000	43,000	43,000	43,000	
ONM 1	Upper No 1	45,000	45,000	45,000	45,000	—	—	
ONM 2	P.S. No 4	49,000	49,000	49,000	49,000	—	—	
	Subtotal	282,000	332,000	282,000	332,000	188,000	238,000	
C. <u>Western Delta</u>								
XIII	Derawa	15,000	15,000	15,000	15,000	15,000	—	Low priority, shifted to Nile Delta III
XIV	Delingat Ext	14,000	14,000	10,000	1,000	14,000	14,000	
XV	Abu Hommos	46,000	46,000	46,000	46,000	46,000	46,000	
OW 2	Troga	105,000	105,000	43,000	43,000	—	—	
OW 3	Sidi Issa	46,000	46,000	36,000	36,000	—	—	
OW 4	Sidi Issa Ext	30,000	30,000	30,000	30,000	—	—	
X	Shereshra	—	29,000	—	—	—	29,000	Area shifted from Nile Delta I
	Subtotal	256,000	285,000	180,000	180,000	75,000	89,000	
	TOTAL	1,000,000	1,018,000	810,000	799,000	397,000	400,000	

November 1978

ANNEX 4
Table I

ARAB REPUBLIC OF EGYPT
Revised Drainage Program (November 1978)
(Bank Projects Only)

	Total Work	End 1975 Cumulative	1976	1977	1978	1979	1980	1981	1982	1983	1985
	←-----Actual-----→				←-----Feddans-----→						
A. <u>Remodelling Open Drains</u>					←-----Projected-----→						
Nile Delta I	860,000	560,000	135,000	90,000	75,000(c)	--	--	--	--	--	--
Upper Egypt I	300,000	130,000	40,000	36,000	94,000(c)	--	--	--	--	--	--
Upper Egypt II	500,000	--	4,000	85,000	91,000	170,000	150,000(c)	--	--	--	--
Nile Delta II	800,000	--	--	--	80,000	170,000	190,000	360,000	--	--	--
Total	2,460,000	690,000	179,000	211,000	340,000	340,000	340,000	360,000	--	--	--
B. <u>Installation Field Drainage</u>											
Nile Delta I	950,000	340,000	123,000	141,000	140,000	150,000	56,000(c)	--	--	--	--
Upper Egypt I	300,000	--	46,000	39,000	50,000	70,000	95,000(c)	--	--	--	--
Upper Egypt II	500,000	--	--	--	10,000	50,000	105,000	165,000	170,000(c)	--	--
Nile Delta II	400,000	--	--	--	--	--	44,000	135,000	150,000	71,000(c)	--
Nile Delta III <u>/1</u>	600,000	--	--	--	--	--	--	--	--	249,000	351,000(c)
Total	2,750,000	340,000	169,000	180,000	200,000	270,000	300,000	300,000	320,000	320,000	351,000

November 1978

(c) Completion

/1 Bank project scheduled for appraisal in 1978.

ARAB REPUBLIC OF EGYPT

Nile Delta Drainage II

Organization and Management

Organization and Staffing. Several changes have taken place in the organization and staffing of EPADP. The two vice chairman posts, one for Nile Delta and one for Upper Egypt, have been re-established. Eng. Abdelmoneim El Inani is the vice chairman for Nile Delta and Eng. Kemal Fetiha for Upper Egypt. Each vice-chairman is assisted by one Undersecretary of Works. The U.S. for Nile Delta, Eng. Said Eid, has his duty station in Tanta and the U.S. for Upper Egypt, Eng. Sami Mouhsim, in Asyut. Undersecretary for Administration and Finance is still Mr. Ahmed Lotfy, but he is retiring next January.

In addition to the above, three more posts for Undersecretary have been created: for Maintenance of Drainage Works, (Eng. Roushdi Sinarah), for Mechanical Equipment (Eng. Toot Sharabin) and for Planning, Evaluation and Training (Eng. Karam Gaid). This reflects the importance the new Chairman of EPADP is giving to these activities.

Chairman of the Drainage Evaluation Committee is the consultant (retired Undersecretary) Eng. Asaad Fahmy. Finally, Eng. Mohamed Hasan Amer has been appointed as Acting Director of the Drainage Research Institute, in replacing the late Osman El Ghamry.

Office Facilities: No progress has been made with the construction of the new office building of the Ministry of Irrigation and EPADP. The cost accounting unit will be located in the ex-training center of EPADP in Shoubra.

ARAB REPUBLIC OF EGYPTNile Delta II Drainage ProjectBilharzia Control

A full report has been prepared by the Bank consultant and submitted to the Bank. A summary of the main findings is given below:

1. Chemotherapy: A total of 2,300,000 people have now been examined of whom 696,000 (30%) were found to be infected with schistosoma haematobium following a single urine examination. About 676,000 patients received the first course of the drug, 629,000 the second course and 596,000 the third course, thus more than 88% of the infected people completed treatment. A total of 356,000 re-examinations have been made three months after treatment and 43,000 found positive, giving an approximate cure-rate of 88%. On 616,000 persons who were found to be negative following single urine examination, a second urine examination was applied and about 48,000 were found to be positive (7%). This gives an overall prevalence of 35%. If a third urine examination is applied, it will give a further increase in positives of about 3%. Therefore, it is considered that the true overall prevalence is probably 37%.

2. Snail Control Operations. Phase II - 1978 operations conducted between June-July. The entire irrigation and drainage systems were treated in the Governorates of Beni Suef, Minya and Asyut. A total of 98.1 tons of Bayluscide was used. Post application snail evaluation records (15 days after complete coverage) show that a high level of control was achieved. The coverage of the entire area commanded by the Ibrahimia Canal from a single application point, added considerably to the overall efficiency of the work. Pre-application snail surveys, conducted in September, showed low levels of infestation. No biomphalaria alexandrina was found in any part of the system.

Phase III - 1978 commenced on September 20 in Asyut and September 16 in Minya and Beni Suef. The Ibrahimia Canal was again treated. The operations are still underway.

The overall efficiency of the snail control operations appears to be satisfactory. More attention should be given to human water contact points near habitations in urban centers.

3. Epidemiological Evaluation. The collection of age-specific prevalence data is "in hand" but the necessary computer banking and analysis by the Department of Statistics has not yet commenced. The re-examination of patients from areas of high, medium and low endemicity is now beginning and it is hoped to have these data available for a preliminary estimation of overall change in prevalence within five months. The independent evaluation team from the Institute of Tropical Medicine, Cairo, is continuing the studies in Beni Suef.

Although numerically inadequate for overall evaluation of the program, these data would serve for evaluation in the respective locations. The progress of control operations was fully reviewed and discussed in a meeting with the Bilharzia Advisory Committee. The need to increase the rate of patient examinations and chemotherapy, together with adequate follow-up examinations was stressed. Immediate action to improve the work was promised.

4. Logistic Support. The garage complex in Minya is still now in use having no water and electricity supplies. The garage complex in Beni Suef is incomplete. The Director promised that both complexes would be completed very soon.

The fleet of project vehicles appear to be operating efficiently. No spare parts have been delivered by the Drainage Authority.

There are adequate stocks of molluscicide and drug for all operations remaining this year and for most of 1979.

No allocations for incentive payments and extra labor costs have been made.

C
O
P
Y

Enneah Kellou
Upper Egypt Drainage II

The World Bank / 1818 H Street, N.W., Washington, D.C. 20433, U.S.A. • Telephone: (202) 393-6360 • Cables: INTBAFRAD

EGT- Cr. 181

EGT- Cr. 393

November 22, 1978

EGT- Ln. 1285

| Cr. 637

EGT- Ln. 1439 | 1440 | Cr. 719

Dr. Mohamed Hassan Amer
Acting Director
Drainage Research Institute
13 Giza Road
P.O. Box 33
Giza, Cairo
Egypt

Dear Dr. Amer:

Please accept our congratulations for your appointment as Acting Director of the Drainage Research Institute. We are confident that with your training, experience and interest in the drainage problems of your country, you will supply the leadership to conduct programs that will successfully meet all challenges.

On the last mission to Egypt, Mr. Sands had a rewarding experience talking with you, the Dutch Consultants and Engineer Farnad M. Ramadan about the monitoring and evaluation program as well as activities of the Drainage Research Institute. He also had a chance to review the various publications prepared by the Drainage Research Institute and the Dutch Consultants. These reports presented at the First Panel Meeting in January 1976 through to the Fifth Panel Meeting in August 1978 would be valuable to us, and we would appreciate having copies of them. The reports will help us to have a better understanding of the different components of the whole drainage program in Egypt, and also acquaint us with the research projects being conducted by the Drainage Research Institute. We would also like to be placed on your mailing list so that we can receive all future publications and reports prepared by the Dutch Consultants, especially those on the monitoring and evaluation program, and the Drainage Research Institute. We look forward to receiving these publications at your earliest convenience.

As you are aware, the criteria used for the design of the drainage system has been based on the principle that water table levels should be reduced to one meter below the ground surface within two to three days following irrigation. There still remains, however, some doubts as to whether the minimum, effective drainage depth of one meter is the optimum, agronomically and economically. With large future investments being scheduled, we believe that detailed field studies should be conducted in order to confirm or, if necessary, modify the design criteria. These studies, because of their importance, we hope you will include in the program of DRI.

Another highly significant subject, is that of gravel envelopes for field drains. Although it is true that the risk of sedimentation in the drains installed in clay soils is low, gravel envelopes could be justified in clay soils, on the basis of providing adequate permeability for the groundwater to move into joint openings without a significant loss of head. This improvement in hydraulic conductivity around the drains could be significant. We believe that the DRI could make a real contribution to the drainage program by conducting field tests, with an appropriate grade of gravel envelopes, to evaluate the benefits that could be derived from the use of gravel or other envelopes in each type of soil, and to determine the economic feasibility of using envelopes on tile drains. We trust you will give the above two matters priority in your research program.

I understand from our last mission that you have had only a brief chance to look over Dr. Hassan Aly Khedr's thesis expressing critical views on the drainage program. We urge you and your staff to review this thesis carefully so that a documented response can be prepared as soon as possible, in order to prevent inaccurate statements from being repeated. I know also that the Chairman of EPADP is also most anxious to put the record straight and wishes to assist you in preparing this reply. Dr. Yussef Wally of the Ministry of Agriculture has urged that his Ministry's views be taken into account as well. We would appreciate having a copy of your remarks as soon as prepared for our records.

Since the Chairman of EPAP is also keenly interested in our relationship with the drainage program, we have sent him a copy of this letter for his information.

With kind regards,

Sincerely yours,

Peter E. Naylor
Chief, Agriculture Division IV
Europe, Middle East and North Africa Region
Projects Department

cc: Mr. Ahmed Fahmy
cc: Mr. Economides

FBSands/vfd



London School of Hygiene and Tropical Medicine

Winches Farm Field Station 395 Hatfield Road St. Albans Herts

Telephone St. Albans 53858

Station St. Albans City

EGT-L 1439/1440/Cr. 719
EGT-L 1285/Cr. 637

20th November, 1978.

Mr. P. Naylor,
Chief, Agriculture Division IV
E.M.E.N.A. Projects Department,
The World Bank,
1818 H Street, N.W.,
WASHINGTON, D.C. 20433.
U. S. A.

Dear Mr. Naylor,

Thank you for your letter of November 8th and for the copy of the letter to Dr. Mobarak.

I thought that you would be interested to know that the Project was highlighted last week at the Expert Committee Meeting on Schistosomiasis, which Dr. Mobarak and I were attending, and that it was extremely well received. There is a great deal of international appreciation of the Programme as an outstanding example of the public health approach to the problem.

I shall look forward to participating in the international meeting on schistosomiasis control in Cairo in April, 1979 and, of course, to combining it with the next supervision mission scheduled for the period March 30th to April 14th.

Kind regards.

Yours sincerely,

Dr. G. Webbe.
Scientific Director.

c.c. Dr. J.A. Lee
Mr. P. Economides.

EMENA
AGRICULTURE DIVISION IV
Rec'd 11/30 No 2057
Assigned to Economides
Action required Nile
Filing Instructions
Project Sec. Informed
Subject Nile
Nile Delta 2
Credit No. 6393, 719-1439-40
637/1285

TELEX

November 17, 1978

74785

EGT-Ln 1098

EGT-Ln 1062/Or. 524

EGT-Cr. 393

EGT-Ln. 1439/1440/Or. 719

START
HERE

TO

CITY/COUNTRY

MESSAGE
NO.:

BOOK OF TWO (SEE ATTACHED TEXT)

1) MR. SAMIR KORAIEM
MINISTRY OF ECONOMY, FOREIGN
TRADE AND ECONOMIC COOPERATION
TELEX: 348 GAFEC UN
CAIRO, EGYPT

927-348

TA/ITT

2) MR. ALI M. NEGM
CENTRAL BANK OF EGYPT
TELEX: 2237 MARKAZI
CAIRO, EGYPT

927-2237 MARKAZI
386 CEBR I.T.TEND
OF
TEXT

SUBJECT:

EGYPT - Overdue Sevc. Payments
CLEARANCES AND COPY DISTRIBUTION:

DATE/TIME

AUTHORIZED:

DEPARTMENT

SECTION BELOW: (SEE RE-CARD SECTION)
CHIEF OF DEPARTMENT

Class of Service: **TELEX** Date: **November 17, 1978**
Telex No.: **74785**0 START
HERE1 TO ADDRESSED MR. SAMIR KORAIEM, MINISTRY OF ECONOMY, FOREIGN TRADE
ITY/COUNTRY AND ECONOMIC COOPERATION AND MR. ALI M. NEGM, CENTRAL BANK OF EGYPT
MESSAGE NO.: CAIRO, EGYPT4 REOUR TELEX OF OCTOBER 18 ON SERVICE PAYMENTS DUE NOVEMBER 15.
5 PARTIAL PAYMENTS RECEIVED ON LOANS 1098 (RAILWAYS II) AND 1062
6 (INDUSTRIAL AND AGRICULTURAL IMPORTS) BUT FOLLOWING ARE NOT YET
7 RECEIVED COLON LOAN 1098 FRENCH FRANCS 109,302, NETHERLANDS
8 GUILDERS 29,517, POUNDS STERLING 1,035.86, ITALIAN LIRE 9,030,410,
9 AUSTRALIAN DOLLARS 8,893, SWISS FRANCS 513,975, IRISH POUNDS
10 670.31 AND PORTUGUES ESCUDOS 365,524. LOAN 1062 FRENCH FRANCS
11 8,160, INDIAN RUPEES 15,753, NETHERLAND GUILDERS 243,465,
12 ITALIAN LIRE 399,598, AUSTRALIAN DOLLARS 2,353, FINNISH MARKKAA
13 26,312, SWISS FRANCS 655,609, SPANISH PESETAS 1,823,226 AND
14 KUWAITI DINARS 11,678,740. WOULD APPRECIATE THE OUTSTANDING
15 PAYMENTS MADE SOONEST.16 FOLLOWING WILL BE DUE DECEMBER 15 COLON CREDIT 393 UPPER EGYPT
17 DRAINAGE US DOLLARS 89,485 AND LOAN 1439 NILE DELTA DRAINAGE II
18 US DOLLARS 101,250. PLEASE MAKE PAYMENTS TO FEDERAL RESERVE
19 BANK NEW YORK, ON CREDIT FOR IDA ACCOUNT B AND ON LOAN FOR
20 ACCOUNT OF IBRD. OFFICIAL NOTICE OF AMOUNTS PAYABLE HAS BEEN
21 MAILED. REGARDS. KOEPP.
22END
OF
TEXT

NOT TO BE TRANSMITTED

SUBJECT:
EGYPT - Overdue Service Payments
CLEARANCES AND COPY DISTRIBUTIONDRAFTED BY:
MBWegayehu
AUTHORIZED BY (Name and Signature):
Hans-Eberhard Köpp Division Chief, EM1A
DEPARTMENT:

cc: Mrs. Pan

EM1
SECTION BELOW FOR USE OF
CHECKED FOR DISPATCH

EGT - Cr 181
EGT - Cr 393
EGT - Ln 1285 / Cr 637
EGT - Ln 1439 / 1440 / Cr 719

November 16, 1978

Mr. Ahmed Fahmy
Chairman
Egyptian Public Authority
for Drainage Projects
5A Elgoheiny Street
Dokki-Giza
Egypt

Dear Mr. Fahmy:

Reference is made to your letter of October 21 handed to our last project review mission, concerning the overall drainage program in Egypt.

Please find attached for your review and approval three copies of a revised overall drainage program for Bank projects only, concerning the period 1978-1984. You will notice that for the Year 1978, we have reduced the area expected to be provided with field drainage to 200,000 feddans. Since during the three quarters of this year the performance was only 124,000 feddans, we thought it was wiser to limit our expectations for the year to 200,000 feddans.

If you agree with the proposed program, please advise us accordingly.

With best regards.

Sincerely yours,

Peter E. Naylor
Chief, Agriculture Division IV
Europe, Middle East and
North Africa Projects Department

Attachment

cleared with and cc: Mr. Kaps

PEconomides;eld

EGT - Ln. 1285/Cr. 637
EGT - Cr 181
EGT - Ln 1439/1440/Cr 719

November 16, 1978

Mr. Ahmed Fahmy
Chairman
Egyptian Public Authority
for Drainage Projects
5 A Elgoheiny Street
Dokki-Giza
Egypt

Dear Mr. Fahmy:

Reference is made to your two letters dated September 19 and September 23 concerning proposed changes in the project area of Upper Egypt I and II projects and Nile Delta I and II projects.

On the basis of the information furnished, we have no objection to your proposals. We are including herewith four tables showing, for each project, the areas considered at appraisal and the areas proposed. We will be grateful if you would examine carefully these tables and let us know if you agree with the figures. New maps showing the areas under each project will be prepared subsequently.

Please note that, according to your proposals, the total areas in Nile Delta I and Nile Delta II projects are being increased by 10,000 and 18,000 feddans, respectively. We would like to avoid such an increase, thus, in reviewing the tables, please try to cut some areas in order to reduce the totals to the original figures.

Sincerely yours,

Peter E. Naylor
Chief, Agriculture Division IV
Europe, Middle East and
North Africa Projects Department

Enclosures

cleared with and cc: Mr. Kaps

PEconomides;eld

EGT- Ln. 1439/1440/Cr. 719
"8/78

OFFICE MEMORANDUM

EGT - Cr. 181

EGT - Cr. 393

EGT - Ln. 1439/1440/Cr. 719

DATE: November 8, 1978

EGT - Ln. 1285/Cr. 637

TO: Mr. Peter E. Naylor, Chief, EMPA4

FROM: Paris Economides, EMPA4

SUBJECT: EGYPT - Back-to-Office Report--October 3-25, 1978 MissionEGT - Cr. 830
EGT - New Lands Development1. Drainage Projects 1/

Remodelling of open drains is progressing on schedule. Nile Delta Drainage I has been completed and it is anticipated that Upper Egypt Drainage I will be completed within the year.

Due to the serious shortage of cement in the country, progress with field drainage is behind schedule. As of September 30, about 124,000 feddans were provided with field drainage compared to a target of 220,000 feddans for the year. With the delivery of cement, procured with IDA funds from Romania, a better performance is expected for the fourth quarter. EPADP is confident that the target of the year will be attained, however, the mission thinks that the achievement of the year will be between 180,000 and 200,000 feddans.

Progress with pumping stations is satisfactory. Civil works for the last pumping station in Nile Delta I have been completed and installation of machinery will start soon. Moderate progress is being made with the construction of pumping stations in Upper Egypt.

The contract with Cincinnati Milacron Co. was signed on October 21, 1978 after almost six months of hard negotiations. The firm was the only bidder in the tender for the supply and installation of machinery for the three PVC pipe factories in Upper Egypt II, financed by USAID. According to the contract the first factory will become operable by September 1979, the second and third by October and November respectively, i.e. two years behind schedule.

Satisfactory arrangements were made by EPADP for the maintenance of field drainage. Arrangements are also underway for the maintenance of open drains, which, according to a Ministerial decree, will come under the responsibility of EPADP from January 1, 1979. These are encouraging steps towards the solution of the chronic problem of maintenance of drainage works.

Another positive step is that implementation of the new drainage evaluation program has begun. The program is being carried out by the Drainage Research Institute with the assistance of Dutch consultants, and it is expected, within two years, to provide accurate data on the effect of drainage works on yields and soil properties.

EPADP is proposing some minor changes in the project areas of the drainage projects to reflect priorities and delays in completion of pumping stations.

1/ Details will be provided in the supervision reports.

These changes will not affect the total area of each project. Revised maps and tables of areas to be provided with field drainage have been prepared to this effect.

In view of the performance of last year and the delays in the procurement of PVC factories, the overall drainage program has been discussed. A new program, covering the period 1979-1984, is now proposed by EPADP for Bank's approval.

No substantial progress was made in establishing the cost accounting system and in carrying out the socio-economic study on the ability of farmers to pay for drainage works.

2. Bilharzia Control Program^{1/}

The plan of operation for the Bilharzia Program under Nile Delta Drainage II Project (area covered from Asyut Barrage to Aswan Dam) has been prepared and submitted to the Bank for review.

Snail control operations from Giza to Asyut Barrage are proceeding on schedule. Chemotherapy is making good progress. The number of people examined reached 2,300,000 of whom about 700,000 were found to be infected. Re-examination after treatment were made on 356,000 people. The cure rate was found to be 88%.

Some progress is being made in the evaluation of the Bilharzia program. The collection of epidemiological data at field level will start in November using the new system. It is expected that by March 1979 some reasonable data will be available for review.

The Bilharzia Control program under Upper Egypt Drainage I and II Projects will be completed by the end of 1979, while the program under Nile Delta Drainage II Project will be completed by the end of 1981. The continuation of the Bilharzia Control effort after completion of the ongoing projects has been discussed with officials from the Ministry of Health and the Bank consultant. It was recognized that in order to maintain the good results already obtained and to prevent the infestation in Upper Egypt of Biomphalaria alexandrina, the snail host of S. mansoni, it is absolutely necessary to continue the snail control operations and the chemotherapy for at least another five years. It is estimated that, to maintain the Bilharzia Control in Upper Egypt, about 400 tons of molluscicide and adequate amount of drugs will be required annually at an estimated cost of US\$ 6 million. To this effect, it is proposed to invite the Undersecretary of State of the Ministry

^{1/} Details will be provided in the supervision reports and in Dr. Webbe's progress report.

of Health, Dr. Mobarak, and the Bank consultant, Dr. Webbe, to visit Washington for one week, by January 1979, to discuss the serious problem of continuation of the Bilharzia Control effort in Upper Egypt and the eventual expansion of the program in the Delta.

3. Nubariya Seed Farm

Opening of bids for the construction of the Main Nubariya Drain between km 28.4 and 67.6 is scheduled for November 17. Interest for the tender has been expressed by several foreign and local contractors. Estimated cost LE 10 mil.

Halcrow Consultants have submitted to EPADP a report examining the two alternative solutions, loop or tunnel, for the part of the Main Nubariya Drain between km 28.4 and 7.8. The cost for the two solutions is almost the same, about LE 14 million. EPADP has decided to proceed with the tendering, requesting the tenderers to submit offers for the two solutions alternatively. Tender documents are being prepared to this effect.

Progress with the three contracts awarded for the lower part of the Drain, from km 0.0 to km 7.8, (not financed by the Bank) is as follows:

Contract 1 (km 0 to km 2.3): Excavation will be completed by the end of 1978. Civil works for structures completed by 60%.

Contract 2 (km 2.3 to km 3.8): Completed

Contract 3 (km 3.8 to km 7.8): Earth works (dykes) completed by 60%.

Civil works for structures completed by 95%.

The study for the outfall structure carried out by the Drainage Research Institute is nearly completed. This structure will be included in the loop/tunnel tender.

It should be mentioned that the estimated cost for the parts of the drain financed by the Bank's loan (km 7.8 to km 76.7) is about LE 24 million compared to the appraisal estimate of about LE 14.3 million. Therefore, there is a total cost overrun of about LE 9.7 million. The estimated foreign exchange cost overrun is about US\$ 5 million.

Halcrow Consultants have also prepared draft tender documents and drawings for remodelling of the open drains in the seed farm. They are being reviewed by EPADP and the Nubariya Seed Farm. EPADP made an offer to execute this contract with a charge of 3% to cover administrative expenses.

A study is being carried out by the Drainage Research Institute to install covered field drainage in a pilot area of 200 feddans in the Seed Farm. This pilot drainage project aims at determining drainage criteria to be applied on the whole farm. An agreement has been reached between the Seed Farm and EPADP for the execution of the work upon completion of the study and for the monitoring of the drainage system thereafter.

Halcrow's study on the rehabilitation of irrigation networks has not yet been completed.

In view of the complexity of irrigation and drainage problems in the Nubariya Seed Farm and the delays that have occurred in the implementation of the rehabilitation program, a systematic and frequent supervision of the drainage and irrigation components is recommended.

4. New Lands Development - West Nubariya Irrigation Project

The preparation of the feasibility study of the West Nubariya project was discussed at a meeting with Mr. M. Rayner, team leader of ULC Consultants and his deputy Mr. C. Warr. The consultant team, consisting of more than 25 experts and consultants is arriving in Egypt and full activities are expected to start at the beginning of November. A total of about 140 man-months of expatriate consultants will be required to carry out the feasibility study which inter-alia will include a socio-economic and settlement study.

The Project Brief of June 14, 1978 has been discussed with the ULC team leader and some additional information and clarifications were given. The need to justify yield assumptions, farm prices and production costs in the feasibility report has been emphasized. A copy of the memo of Mr. Peters of August 9, 1978 with comments on soil suitability of the West Nubariya area and additional soil studies required has been handed to Mr. Rayner.

The interim report will be completed by end of February 1979 and the final report by the end of July 1979. Therefore, the preappraisal Bank mission should be postponed for the beginning of March 1979 in order to coincide with the review of the interim report. The appraisal mission should be rescheduled for mid-August 1979.

5. Mechanized Farm

Discussions were held with Mr. P. Bonmaison, team leader of the FAO/UNDP West Nubariya Project, Dr. Naguib Hassan, Director of the Project, Mr. A. El Jaff, FAO Country Representative and Dr. Youssef Wally, Technical Advisor of the Ministry of Agriculture, on the future of the Mechanized Farm in West Nubariya, which covers an area of 10,000 feddans. A visit was made to the farm during which the present situation of the irrigation and drainage systems was discussed with the engineer in charge. The general conclusion is that the farm needs complete rehabilitation. The objectives of the rehabilitation are to:

(a) improve the quality of water in the main canal (total salts exceeding 2,000 ppm) by constructing deep tile drains on both sides of the canal to intercept drainage water flowing into the canal and by evacuating the drainage water through small pump units into the El Nour drain;

(b) protect the banks of the main canal with gabions;

(c) remodel all the existing open drains (minimum required depth 2.50 m compared to the present depth of 1.50 m);

(d) install covered field drainage in the whole area of the farm;

(e) improve irrigation network and apply in the sandy soils (50-60% of the area) sprinkler irrigation;

(f) improve levelling for the remaining area of surface irrigation;

(g) revise cropping patterns and agricultural techniques;

(h) provide the necessary farm machinery and equipment; and

(i) study management and development alternatives including the distribution of the land to smallholders.

The estimated cost of the above works is about US\$ 20 million (including settlement cost) of which about US\$ 10 million foreign cost. Detailed field investigations have been carried out by the FAO/UNDP project. An invitation was sent to four consultant firms to submit proposals for the preparation of the feasibility study on the basis of terms of reference already prepared. The study will be financed by FAO/UNDP project. It is expected that the selection of the consultant firm will be made before the end of the year and the feasibility study together with detailed design and tender documents will be ready by the end of July 1979. During my discussions with Dr. Wally, I understood that the Government is interested in Bank financing of this project and that a decision has been already made by the Ministry for the distribution of the land to small settlers.

In view of the above developments, I would recommend to include the rehabilitation of the Mechanized Farm in the West Nubariya project. In this way the Bank will play a major role in the development of the country's land and water resources by introducing a sound strategy for development of new lands and for rehabilitation of areas that have not adequately reclaimed. The inclusion in the project of a small bilharzia control component, aiming at preventing the expansion of the disease in the project area, could also be considered. This should be discussed with Dr. Mobarak and Dr. Webbe during their next visit to Washington.

It is a happy coincidence that the feasibility study of both projects will be ready at the same time, i.e. by the end of July 1979. The New Lands Development preappraisal mission, scheduled to visit Egypt early March, could further discuss this matter with the Government. It is worth mentioning that the rehabilitation of the Mechnized Farm might be followed in the future by rehabilitation of similar projects in the Nubariya area such as Mariut, North Tahrir, Thawra, etc.

cc: Messrs. Paijmans, Kwaku, Köpp (3), Ikram, Swayze(EM1); Dubey(EMNVP); Haynes, K. Jones, ffrench-Mullen, Frank, Merghoub, Khorana, Sands, Donovan, Rehman(EMP); van der Tak(3) J.Lee(PAS); Yudelman(AGR); Chittleburgh(EDO); Krishna(LEG); Hakim(CTR); Subramanian(CTR); Robless(PAB); Kordik(2)(OED)

Ms. Kelley
Ms. Minshall

EGT- Ln 1285 / C 637
EGT Ln. 1439 / 1440 / C 719

November 8, 1978

Dr. Almotaz Mobarak
Undersecretary
Ministry of Health
Cairo, Egypt

Dear Dr. Mobarak:

We were very pleased to learn from our consultant, Dr. G. Webbe, who recently visited Egypt, that snail control operations are continuing to be applied efficiently, and that mollusciciding in the Ibrahimia Canal again proved very successful, giving excellent coverage in the irrigated area under its command, and providing important protection against infestation by Biomphalaria alexandrina, along its course and in branch canals.

We were also pleased to learn that satisfactory progress is being made with chemotherapy in many parts of the project area. However, as Dr. Webbe discussed with you, a greater effort should be made to increase the rate of patient examination and treatment throughout the project area, particularly in Beni Suef Governorate, in order to obtain the optimum control benefit from the combined chemotherapy-snail control strategy.

We are very sorry to learn that the independent evaluation teams have not produced adequate epidemiological evaluation data, but are encouraged that new teams of Ministry personnel have now been trained to undertake this work, and that the collection, banking and analysis of epidemiological data are receiving high priority. We hope that initial results will be available for appraisal early in 1979 in order to estimate the cost-effectiveness of the control strategy. This is vitally important as a basis of scientific justification for the applied measures and in order to support the expansion of control activities in other areas.

We are also concerned that the garage complex in Minya is still not in use and that there are no central garage and maintenance facilities there or in Beni Suef. In addition, we hope that the question of payment of incentives and overtime to field staff involved in the Bilharzia control program will be settled soon.

Dr. Almotaz Mobarak

-2-

November 8, 1978

We are conscious of the need to consider the on-going application of control measures in the project area during the maintenance phase, i.e. post-1979. Accordingly, we would very much appreciate if you could attend a short meeting in Washington early in 1979 for this purpose, and to review the general progress of the work and the expansion of Bilharzia control activities in Upper Egypt. Please let us know when it would be convenient for you to come to Washington to discuss these matters.

Finally, we should like to thank you again very much for the assistance and hospitality extended by you and your staff to Dr. Webbe on his recent visit to review the progress of the program.

With kind regards.

Sincerely yours,

Peter E. Naylor
Chief, Agriculture Division IV
Europe; Middle East and
North Africa Projects Department

cleared with and cc: Mr. Swayze

Webbe/Economides;eld

cc: Messrs. Lee and Webbe

We are aware that the use of such incentives and other measures will be significant in the long run.

EGT- Ln 1285/c. 637
EGT- Ln 1439/1440/c. 719

November 8, 1978

Dr. Gerald Webbe
Scientific Director
London School of Hygiene & Tropical Medicine
Winches Farm Field Station
395 Hatfield Road
St. Albans Herts

Dear Dr. Webbe:

Thank you very much for your letter of October 27 with the attached supervision report. We, at the Bank, are pleased with the considerable progress the Bilharzia Control Program is making in Egypt, and we appreciate very much your participation and efforts in promoting this program.

The Bank's policy is to make careful inquiries into criticism of our activities made by a third party. In the particular case mentioned in your letter, we understand that there is no constructive proposal for improving the quality of work. We, therefore, consider the matter closed.

We have sent a letter to Dr. Mobarak inviting him to come to Washington early in 1979 to discuss the ongoing program and the measures required to assure its continuation after completion of the Bank's projects. We would much appreciate it if you would attend these discussions. Arrangements for your visit to Washington will be made as soon as we know the date Dr. Mobarak is planning to arrive.

We would also like you to participate in the international meeting on schistosomiasis control in Cairo in April 1979. This could be combined with your next supervision mission scheduled for the period March 30 to April 14.

Thanking you for your cooperation and assistance.

Sincerely yours,

Peter E. Naylor
Chief, Agriculture Division IV
Europe, Middle East and
North Africa Projects Department

cc: Mr. Swayze
PEconomides;eld



Class of Service: LT

Date: 11/08/78

Telex No.:

Originators Ext: 74515

12

10

0 START
HERE

1 TO

DELTATILE, CAIRO, EGYPT

CITY/COUNTRY

FOR AHMED FAHMY, CHAIRMAN. RECREDIT/LOAN 719/1439-1440 AND TENDER

MESSAGE
NO.:

FOR PROCUREMENT PUMPING STATIONS FURNISHED ECONOMIDES. AAA WE

NOTE YOU HAVE NOT INCLUDED IN TENDER PUMPING UNITS FOR REPLACING

OBSOLETE UNITS PUMPING STATIONS SAFT AND KASSABY. WE PRESUME

SEPARATE TENDER WILL BE ISSUED FOR THESE UNITS. BBB ARTICLE 61,

CAPACITY OF TRANSFORMERS. CHECK CAPACITY FOR MEHALA ELKOBRA

AND ADD CAPACITY FOR BILAD ELAYED. CCC ARTICLE 138, CEMENT.

SUGGEST DELETE QUOTE LOCALLY MANUFACTURED CEMENT SHOULD BE USED

UNQUOTE. IN VIEW OF SHORTAGE OF CEMENT CONTRACTOR MAY NEED TO

IMPORT CEMENT FROM ABROAD. DDD ARTICLE 188, PAVINGS. DELETE

QUOTE AND WORKSHOP UNQUOTE FROM SECOND PARAGRAPH. EEE SCHEDULE 14.

ADD QUOTE CEMENT UNQUOTE IN LAST SENTENCE. FFF IN GENERAL WE

FOUND TECHNICAL SPECIFICATIONS GOOD AND WE HAVE NO OBJECTION TO

BE ISSUED AFTER MAKING ABOVE CORRECTIONS AND INCLUDING TECHNICAL

DATA FOR MEHALA ELKOBRA STATION. WE UNDERSTAND INSTRUCTIONS TO

TENDERERS AND CONDITIONS OF CONTRACT WILL BE SIMILAR TO PREVIOUS

TENDER FOR PUMPING STATIONS. GGG A CLASSIFIED NOTICE FOR THIS

TENDER WILL BE SENT TO UN DEVELOPMENT FORUM. HHH PLEASE FURNISH

/c

21 END
OF
22 TEXT

NOT TO BE TRANSMITTED

SUBJECT: Cr. 719/Ln. 1439-40
EGYPT - Nile Delta II

DRAFTED BY:

PEconomides;eld

CLEARANCES AND COPY DISTRIBUTION:

AUTHORIZED BY (Name and Signature):

cleared with and cc: /
Mr. Schwenneker
cc: Messrs. Swayze and HakimPeter E. Naylor, Chief, EMPA4
DEPARTMENT:SECTION BELOW FOR USE OF CABLE SECTION
CHECKED FOR DISPATCH

Page 2

Class of Service: _____

Date: _____

Telex No.: _____

Originators Ext: _____

12

10

0 START
HERE

1 TO

CITY/COUNTRY

MESSAGE
NO.:

4

5

6

7

8

9

10

11

12

13

14

15

16

18

19

20

21

22

END
OF
TEXT

TWO COPIES OF COMPLETE TENDER DOCUMENTS AS ISSUED AND ADVISE
BY CABLE DATE TENDER ISSUED AND BID OPENING REGARDS NAYLOR
INDEVAS

NOT TO BE TRANSMITTED

SUBJECT:

DRAFTED BY:

CLEARANCES AND COPY DISTRIBUTION:

AUTHORIZED BY (Name and Signature):

DEPARTMENT:

SECTION BELOW FOR USE OF CABLE SECTION
CHECKED FOR DISPATCH

DISPATCHED

Nov 9 11 37 AM 1978
COMMUNICATIONS
SECTION

1. DEAVS

2. CUBA DUE LEMER 122010 VLD BTD CEMINGE RECUELOS DIAFOR

AND CENTER OF COMPTRE LEMER DOCUMENTS MC 122100 VLD VDAISE

LEGG 3

EGT. Lm. 1439/1440/719

EGT. 313

November 6, 1978

Dr. Almotaz Mobarak
Undersecretary
Ministry of Health
Cairo, Egypt

Re: Tender for Procurement of Vehicles
for the Bilharzia Control Program
Credit 719/Loan 1439-1440

Dear Dr. Mobarak:

Reference is made to the specifications handed to Mr. Economides for the procurement of vehicles under the Nile Delta Drainage II Project and to our cable of November 2.

We enclosed herewith a complete set of tender documents, adjusted for the purpose of your tender. Please make the necessary corrections and additions shown in ink in the Chapters 1 and 2.

We will be grateful if you would furnish us with two copies of the documents as issued and if you would advise us by cable of the date of the issued tenders and the date of bid opening.

With best regards.

Sincerely yours,

Peter E. Naylor
Chief, Agriculture Division IV
Europe, Middle East and
North Africa Projects Department

Enclosure

cleared with and cc: Mr. Schwenneker

cc: Messrs. Swayze and Hakim

PEconomides;eld

File

EGT - Agric. Sector
(Drainage V)

EGT - Ln 1439/1440/Cr. 719

Mr. Hans-Eberhard Köpp, EMLA

November 2, 1978

Townsend S. Swayze, EMLA

EGT - Ln 1285/Cr 637

EGYPT - Drainage V

1. Although we are going ahead ⁱⁿ this timetable, ^{series} so far with a Board date for Drainage V of March 81, we should probably, next time around, slip the project (drainage component) to the end of CY81 or early CY82.
2. Based on Economides' latest discussions, Upper Egypt I will be completed by end CY80, Upper Egypt II by end CY82, and most of Nile Delta II by end of CY82--although a small portion of Nile Delta II will not be completed until CY83. Works on Drainage V should not start, then, until January 83, after the above is mostly completed. Estimating about six months lead time after loan effectiveness (for tender awards and construction mobilization) and another six months roughly for the period between Board approval and loan effectiveness--the earliest we would probably want to go to the Board is December 81/January 82.
3. The bilharzia requirements are more urgent. Upper Egypt I and II programs will be completed by end CY79 and Nile Delta II by end CY81. Thus for Upper Egypt from CY80 there will be about \$4 million foreign exchange requirement for bilharzia materials and for Nile Delta II from January 82 an estimated additional \$2 million. The program should run about five years after the completion of the programs now under way (and funded by the three existing Bank loans).
4. We might consider an interim bilharzia funding component in another project; and the rest to be picked up in Drainage V when the drainage component is needed.

TSwayze:bp

EGT- Ln. 1439/1440/cr 719

Class of Service:

Date:

11/2/78

Telex No.:

Originators Ext:

74515

12

10

0 START
HERE

1 TO

DR. ALMOTAZ MOBARAK

CITY/COUNTRY

MINISTRY OF HEALTH, CAIRO, EGYPT

MESSAGE
NO.:

RE CREDIT/LOAN 719/1439-1440. SPECIFICATIONS HANDED TO ECONOMIDES
FOR PROCUREMENT OF VEHICLES UNDER ABOVE CREDIT/LOAN ARE NOT
ADEQUATE. WE ARE SENDING BY MAIL COMPLETE SET OF TENDER DOCUMENTS
USED BY EPADP IN THE PAST FOR SIMILAR TENDERS IN WHICH SOME
CORRECTIONS WERE MADE TO ADJUST THEM TO YOUR NEEDS. PROVIDED YOU
USE THESE DOCUMENTS BANK HAS NO OBJECTION TO ISSUE TENDER.
PLEASE FURNISH US TWO AS ISSUED COPIES OF TENDER DOCUMENTS. ALSO
ADVISE BY CABLE DATES OF ISSUE AND DATE OPENING OF BIDS. REGARDS
NAYLOR, INDEVAS

21 END
OF
TEXT
22

NOT TO BE TRANSMITTED

SUBJECT: Cr. 719 Loan 1440 & 1439
EGYPT - Nile Delta II

DRAFTED BY:

P. Economides; eld

CLEARANCES AND COPY DISTRIBUTION:

cleared with: Mr. Schwenneker
cc: Messrs. Hakim and Swayze

AUTHORIZED BY (Name and Signature):

P. E. Naylor, Chief, EMPA

DEPARTMENT:

SECTION BELOW FOR USE OF CABLE SECTION
CHECKED FOR DISPATCH

Winches Farm Field Station 395 Hatfield Road St. Albans Herts

Telephone St. Albans 53858
Station St. Albans City

RECEIVED

AGRICULTURE DIVISION
Road St Albans Herts

No 1073

Assigned to C. Edmunds

1968 Dr.

date 11/5/68

Received from:

Informant:

Signature

Egyptian L.A.T.

Credit No

6371295 +7

Dear Mr. Naylor,

I am enclosing herewith my report of the recent supervision mission in Egypt, during which I carried out all the items listed in the terms of reference.

As reported earlier, this year snail control operations are going well, progress is being made with chemotherapy - but the pace is too slow, and epidemiological evaluation still requires a lot of work.

I understand that criticisms have been made by personnel of NAMRU 3 about the scale and quality of operations in the project. I had a very useful discussion with Capt. Watten at NAMRU and it is clear that they have no data for the present project area which would assist evaluation. The NAMRU group is undertaking somewhat esoteric research in a limited area of Luxor district, which will be covered under Delta Drainage II. I think that the remarks which have been made are generally typical of a research group with little understanding of the problems of a 'public health programme' on the scale being undertaken. The argument that we should employ an army of experts in the programme reflects their total ignorance of, or insensitivity to, the Egyptian attitude to expatriate participation in any National programme. It probably explains NAMRU's general lack of impact on health programmes in Egypt during the past 30 years. While useful data may be available from Luxor for evaluation purposes under Delta Drainage II, it is very doubtful whether it will be accepted by the Ministry of Health.

As mentioned in my report, there will be an international meeting on schistosomiasis control in Cairo in April, 1979, to which I have been invited and which, with your approval, I shall attend. I confidently expect that we will have some evaluation data by that time!

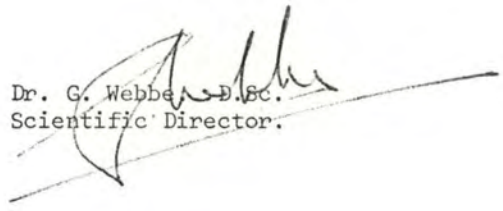
Paris Ecnomides and I considered the ongoing control work in the project area post-1979 and it would be very useful to discuss this with Dr. Mobarak in order to establish their Ministry's future tole and needs during the maintenance phase of operations.

- over -

I will be happy to undertake a future supervision mission in March-April, 1979, and could do this during the period March 30th - April 14th, 1979. It will be necessary then, of course, to visit the Upper Egypt Project area to be covered under Delta Drainage II.

With kind regards.

Yours sincerely,


Dr. G. Webb, D.Sc.
Scientific Director.

64145 WORLDBANK

325 HOMER UN

(Telex NO.)

INCOMING TELEX From Cairo

RECEIVED

EGT- Cr. 181 sd EGT- Cr. 39
EGT- 47. 1285 / Cr. 637
Distribution: 47 1439 / 1440 / Cr. 79

WORLD BANK

WASHINGTON DC-USA

OCT 23 PM 8:21

COMMUNICATIONS DIVISION

Mr. Naylor
Mr. Koepp
Mr. Economides's ofc.
Comt. Mr. Mitchell

SIX FOR NAYLOR. AAA HAVE MOVED TO MERIDIEN.
EBB CONFIRM MY DEPARTURE OCTOBER 25 AND ARRIVAL
WASHINGTON SATURDAY OCTOBER 28 FLIGHT TWA 847
THROUGH BOSTON. PLEASE INFORM WIFE. [CCC INCREASE
LETTER OF CREDIT TITIVI ZAVODI- CARRYING LETTER EPADP
REQUESTING DISREGARD FORM H5 DATED AUGUST 9 FOR
INCREASE LETTER OF CREDIT. TOTAL CALCULATED TEN PERCENT
INCREASE FOR PRICE ESCALATION ABOUT 480,000 DOLLARS OF WHICH
AMOUNT OF ABOUT 476,000 DOLLARS ALREADY PAID TO TITIVI
ZAVODI THROUGH APPLICATIONS 213 AND 239.] REGARDS

ECONOMIDES.

64145 WORLDBANK

325 HOMER UN.....

Emm a
check whether
controllers received
telex
✓
called
to confirm
that Mr. Naylor
had received

EGT- Cr. 181
EGT- Cr. 39
EGT- 47. 1285 / Cr. 637
Distribution: 47 1439 / 1440 / Cr. 79
Mr. Naylor
Mr. Koepp
Mr. Economides's ofc.
Comt. Mr. Mitchell
EGT- Cr. 181
EGT- Cr. 39
EGT- 47. 1285 / Cr. 637
Distribution: 47 1439 / 1440 / Cr. 79
Mr. Naylor
Mr. Koepp
Mr. Economides's ofc.
Comt. Mr. Mitchell

cc: to
Naylor
with notify
wife
10/23/78

ARAB REPUBLIC OF EGYPT
EGYPTIAN PUBLIC AUTHORITY
FOR DRAINAGE PROJECTS

5 a Elgoheiny St. Dokki Giza
Cable Address: Deltatile Cairo.

Chairman's Office

Date: 21 October, 1978.

Mr. Peter Naylor,
Chief Agriculture Division IV,
Europe, Middle East & North Africa,
1818 H. Street N.W.
Washington D C 20433, U.S.A.

EGT Cr. 181
EGT - Cr. 393
EGT - Ln 12K / Cr. 637
EGT - Ln 1439/1440 / Cr 719

1/10/78
C.A.A.
V.A.N.I.C.R.

RECEIVED
AGRICULTURE DIVISION IV
Rec'd. 11/1
Assigned 1978. Economides
Said
Action required Dr.
del 11/16/78
Filing Instructions:
Project Sec. Informad:
Project Name: Upper Egypt
Drainage I. II
Loan/Credit No. 243-4AR
1285 EGT

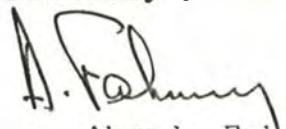
Re: Revised Program for Drainage
Projects financed by IBRD

Dear Mr Naylor,

With reference to the discussions with Mr Economides and his colleagues during the period October 4 to 21, 1978, I would like to enclose the revised program for Drainage projects agreed upon. Detailed schedules and follow up reports will be prepared accordingly.

Sincerely yours,

not att


Eng. Ahmed Fahmy
Chairman

EGT - Cr 181
EGT. Cr. 393
OCTOBER 20, 1978
75374
FR/MT

EGT-Ln. 1285/Cr. 637
EGT-Ln 1439/1440/Cr. 719

DELTATILE

CAIRO, EGYPT

FOR AHMAD FAHMY, CHAIRMAN. RE CREDITS 181 AND 393-EGT AND CREDIT/
LOAN 637/1285-EGT DRAINAGE PROJECTS EGYPT. ON BASIS OF REVIEW BY
ECONOMIDES AND PROVIDED SUGGESTED CHANGES MADE BANK HAS NO
OBJECTION TO SPECIFICATIONS AND ISSUANCE FOR AAA TWO PVC PLANTS AND
2000 TONS PVC POWDER, BBB TEN TILE LAYING MACHINES, AND CCC 75,000
TONS CEMENT. PLEASE ADVISE DATES BIDS TO BE RECEIVED AND FURNISH
TWO COPIES OF AS ISSUED SPECIFICATIONS. REGARDS NAYLOR INDEVAS

END
OF
TEXT

EGYPT - (1) Credits 181/393-EGT
(2) Credit/Loan 637/1285-EGT

cc: Messrs. Economides, Swayze

ALSchwenneker:sl
P. Naylor, Chief
EMPA IV

WORLDWIDE OUTGOING MESSAGE FORM (Telegram, Cable, Telex)

(IMPORTANT: PLEASE READ INSTRUCTIONS BELOW BEFORE TYPING FORM)

TO: (Name and Address)

Date:

FROM: (Name and Address)

Originator's Ext:

EGT - C. 181 Oct. 16, 1978
EGT - C. 393
EGT - Ln 1285/C. 637
EGT - Ln 1439/1440/p. 719
~~Oman - 985~~

0 START
HERE
1 TO

CITY/COUNTRY

MESSAGE
NO.

BOOK OF TWO *FR/IT*

1) PARIS ECONOMIDES
BANK MISSION
HILTON HOTEL
CAIRO, EGYPT

2) *FR/IT* FENTON SANDS
BANK MISSION
GULF HOTEL
MUSCAT, OMAN

Telex: *92222 HILTLS UN*
92354

Telex: *926*
MB 21A 3416

10
11
12
13
14
15
16
18
19
20
21
22

END
OF
TEXT

NOT TO BE TRANSMITTED

SUBJECT	DRAFTED BY:
CLEARANCES AND COPY DISTRIBUTION:	AUTHORIZED BY (Name and Signature):
	DEPARTMENT:
	SECTION BELOW FOR USE OF CABLE SECTION
CHECKED FOR DISPATCH	

Ina

Transmitting Station: _____ Date: _____
 Telex No.: _____ Operator's Sig.: _____

START
HERE

1 TO

CITY/COUNTRY

MESSAGE
NO.:

4

5

6

7

8

10

11

12

13

14

15

16

18

19

20

21

22

FOR PARIS ECONOMIDES AND FOR FENTON SANDS. AAA HAVE JUST RECEIVED
 CABLE FROM BAGHDAD REGRETING THAT ALL CONFERENCES, MEETINGS,
 ETC. HAVE BEEN CANCELLED. DUE TO POSSIBILITY THAT IT WOULD BE
 IMPOSSIBLE TO ADVANCE SUPERVISION TO START OCTOBER 20, I HAVE
 DECIDED TO CANCEL SUPERVISION MISSION. PLEASE RETURN STRAIGHT
 BACK TO BANK ON COMPLETION OF PRESENT MISSION. BBB CONTROLLERS
 PRESSING FOR AUTHORIZATION FOR INCREASE IN LC TO TITOVIC ZAVODI OF
 YUGOSLAVIA AS EXPLAINED MY CABLE OF OCTOBER 5. HAVE YOU BEEN ABLE
 DISCOVER DETAILS. REGARDS NAYLOR

END
OF
TEXT

NOT TO BE TRANSMITTED

SUBJECT: **Oman - Technical Assistance**
Egypt - Drainage Project

CLEARANCES AND COPY DISTRIBUTION

cc: Messrs. Siebeck and Hakim

DRAFTED BY

P. Naylor;eld

AUTHORIZED BY

Peter E. Naylor, Chief, EMPA4

DEPARTMENT

SECTION BELOW FOR USE OF CABLE SECTION
 CHECKLIST FOR DISPATCH

927 92354 telex
92222 HILTL UN

EGT - C. 181
EGT - C. 393

10/10/78
72447

EGT Lr 1285/C. 637
EGT-Lr 1439/1440/C. 719
TRAQ

FR/10

FOR ECONOMIDES, WORLD BANK STAFF MEMBER, HILTON HOTEL
CAIRO, EGYPT

AAA RE SUPERVISION DRAINAGE PROJECTS PLEASE REVIEW PROGRESS IN
MONITORING AND EVALUATION SECTION 2.06 PROJECT AGREEMENT NILE
DELTA II AS OUR RECENT REPORT ON THE SUBJECT EMPHASIZED NEED TO
DO SO. BBB YOUR BAGHDAD SEMINAR PAPER. HAYNES CONFIRMS THAT
HE DOES NOT WISH IT TO BE REPRODUCED IN PUBLISHED PROCEEDINGS
BECAUSE NUMBER OF POINTS WHERE YOUR INTERPRETATION OF BANK
POLICY OPEN TO MISUNDERSTANDING. INTER ALIA THESE ARE PARAS.
24,33,37. ALSO TABLE ONE NEEDS TO SAY IF VALUES IN CURRENT
OR CONSTANT DOLLARS. CCC PLEASE TELL REHMAN THAT DATES FOR GREECE
VISIT REMAIN AS ORIGINALLY PROPOSED AND HE SHOULD PROCEED ACCORDING
TO TRAVEL SCHEDULE. REGARDS NAYLOR

END
OF
TEXT

NOT TO BE TRANSMITTED

SUBJECT
Egypt Drainage/Seminar
CLEARANCES AND COPY DISTRIBUTION

DRAFT
FHeidhues/PNaylor; sm
Peter Naylor, Div. Chief
DEPARTMENT

EMENA Projects

CHECKED FOR DISPATCH
USE OF CABLE SECTION

EGT - Ln 181
 EGT - Ch. 393
 EGT - Ln 1285 / Ch 637
 EGT - Ln 1439 / 1440 / Ch 719
 1b

INCOMING TELEX

1078 OCT - 3 PM 1:32

440098 WORLD BANK

92222 MILTILS UN (Tx.no.) Cairo

HILTON CAIRO 03.10.1978

TO 440098 WORLD BANK WASHINGTON DC

TWO FOR NAYLOR AAA SANDS ARRIVED

ON SCHEDULE. AFTER OCTOBER 12 PLEASE

ADDRESS TO ME ALL MATERIALS FOR

SANDS. FEB. RECEIVED YOUR TLX ON

INCREASE CONTRACT PRICE FOR PUMPING

STATIONS UNDER CREDIT 171. SHALL

INVESTIGATE ON MONDAY AFTER MY

RETURN FIELDTRIP DELTA CCC HAVE

HAD INTERESTING DISCUSSION WITH

BONMAISON ABOUT DRAINAGE MECHANIZED

FARM. DISCUSSIONS WILL CONTINUE

WITH HASAN NEGUIB DURING MY

VISIT TO ALEXANDRIA. REGARDS

ECONOMIDES.

+++++ Mr. Sands home number ublisted.

DIST. - MR. NAYLOR
 OFFICE OF MR. SANDS

EXTRA	
AGRICULTURE DIVISION IV	
Rec'd 10/10	No. 993
Assigned to Daylan	
Action required <i>See below</i>	
Filing Instructions:	
Project Sec. Informed:	
Project Name <i>4444</i>	
Loan/Credit No. <i>181-243-637/1285</i>	
<i>719/1439-1440</i>	

440098 WORLD BANK NNNNNMO