

ISN 36597

PD-AAP-949

6490114

AID Washington
USAID Mogadishu

Contract Number AFR 0114-C-00-4005-00
Project Number 649-0114

Somali Democratic Republic
Kismayo Port Rehabilitation

Progress Report No. 5

Parsons Brinckerhoff International, Inc.
Mogadishu • New York

May 1984

A. WORK PROGRESS SUMMARY

A-1 Status of Work

The work included in this phase of the Kismayo Port Rehabilitation project includes the following:

- a) Field Investigations - performed under an amendment to the January 1, 1983 Contract.
- b) Final Design and the preparation of Plans and Contract Documents.
- c) A Tariff Rate Structure Study.
- d) A Port Maintenance Study.
- e) Solicitation Phase Services - not yet authorized.

The amendment to the January 1, 1983 contract for field investigations was signed 16 October 83 and the completion date was established at 28 February 1984; soon to be modified to December 30, 1984..

The contract for the balance of the work was signed November 22, 1983 with the effective date of contract as November 1, 1983. This contract included authorization for the performance of Items b) and c). Authorization for Item d) was issued by letter dated November 30, 1983.

A Subcontract for the subsurface and quarry investigations, laboratory testing, and topographic surveys was signed with Geodrill Limited of Mombasa, Kenya, dated 24 October 1983. Field work started on November 7th and was completed December 5th. Laboratory testing of water samples is continuing.

The P.B.I. office in Mogadishu was reestablished on November 5, 1983. During this reporting period the Mogadishu office was moved to smaller quarters and put on standby basis. The Somali staff was terminated and the remaining expatriate staff transferred to the New York office. Some of the furniture from the office was turned over to USAID as well as the two vehicles. The new office contains the files and some office furniture for use during future trips to Mogadishu.

A Work Plan and Schedule for the project was submitted and approved by letter dated December 12, 1983. All work is progressing in accordance with the Work Plan, except that the final review will begin before the plans and specifications are 100 percent complete.

Contract Amendments for additional tasks were issued by USAID/Somalia in February 1984.

A-2 Schedule of Work Progress

The Work Schedule for the project is enclosed, with some minor revisions, and indicates the work completed at April 30, 1984.

B. MAJOR ACTIVITIES AND EVENTS

The major events during this reporting period were the submission of the Additional Field Investigations Report, the draft Port Maintenance and Tariff Rate Structure Reports and the draft Contract Documents. Work continued on the preparation of designs, plans, technical specifications and contract documents. This latter activity is based on the Special Studies Report and our letter dated January 30, 1984, indicating the bases on which we were proceeding with the work.

The draft Tariff Rate Structure report was prepared by C.J. Callaghan, staff economist, and review by Bruno Garunkstis the principal-in-charge of this project. A presentation of the report was made to the Mission Director and the Somalia Port Authority by Mr. Callaghan.

Review comments on both the Port Maintenance and Tariff Rate Structure reports are to be given to PBI during the project review period in early May.

The 60 percent drawings and technical specifications were available for review in Mogadishu. Comments of A. Tumarello from the review in New York March 22 and 23 were sent to Mogadishu and New York.

Draft Contract Documents based on the Federal Acquisition Regulations were prepared by R. Clifford in Mogadishu and were reviewed by J. Villafane, J. Anderson and J. Smith. It was agreed that R. Clifford and J. Anderson would meet in Nairobi to redraft these items.

The project manager was in Mogadishu from March 25, 1984 to April 13. He participated in the review of the plans, specifications, contract documents, and the two draft reports. At the request of the Mission Director a Construction Cost Estimate was prepared and submitted.

On advice from AID/W that the Corps of Engineers Unit Price book for Somalia was available a meeting was held in Winchester to discuss the C of E information.

The scheduled review in New York for the two week period starting April 30, 1984 was confirmed.

C. PROGRESS IN PRIMARY TASKS

The following progress was made on the Primary Tasks scheduled for activity during this reporting period (Reference Item No. on Work Schedule):

1. Mobilization - Completed.
2. Soil borings topographic survey, and quarry investigation. The report on these additional field investigations was submitted March 16, 1984.
3. Laboratory test results for the Juba River water samples were received. New water samples from the Juba River were obtained and sent to the laboratory for testing.

4. Data Collection for Design - All field visits have been completed and data collected.
5. Special Studies and Investigations - The final report has been submitted.
6. Final Design and Preparation of Drawings - Work progressed on these items during the reporting period. The final designs of the bulkhead structure, mooring dolphins, buildings, and utilities were about 98 percent completed.

The plans indicating the general or civil work, the structural, architectural, electrical and mechanical work were about 90 percent complete. Work is continuing toward 100 percent completion by mid-May.
7. Technical Specifications Preparation - Technical Specifications were prepared for the New York review for about 80 percent of the items of work. Work is continuing toward 100 percent completion by mid-May.
8. Other Solicitation Package Elements - The complete solicitation package was prepared in draft form for review in New York.
9. Construction Schedule - A preliminary construction schedule was prepared to be available during the review of the plans, specifications, and contract documents. This schedule was also available for the estimator in the planning and costing of the work.
10. Construction Cost Estimate - A preliminary construction cost estimate was submitted in Mogadishu on April 12, 1984. Work was continuing on the estimate as work on the plans and specifications progressed. Based on the review of the information available from the C of E it was recommended that we continue to prepare the estimate without using the C of E system.
11. Work was started during this period.
12. Tariff Rate Structure Study - Following a verbal presentation on April 12, 1984, a draft report was submitted in Mogadishu on April 15th. We are awaiting USAID and Somali Ports Authority comments.
13. Port Maintenance Study - We are awaiting USAID and Somali Ports Authority comments.

D. ITEMS OF CONCERN AND RECOMMENDED SOLUTIONS

The official comments on the 60 percent review were not received in New York until April 26, 1984 making it impossible to incorporate these comments in the plans and specifications for the review starting April 30, 1984. It was intended that as the Technical Review Committee reviewed the plans and technical specifications these comments would be discussed.

Decisions on the bid items, the method of payment for mobilization and steel for the bulkhead, and the method of payment in both U.S. and Somalia currencies were not made. Therefore it was not possible to complete the I.F.B. or to prepare the construction cost estimate in the format of the Bid Form. It was also not possible to write the measurement and payment clauses for the technical specification sections.

Decisions on the above items and discussion of the 60 percent comments must be included early in the review period beginning April 30th if the work is to be completed as scheduled.

E. ANTICIPATED ACTIVITIES DURING NEXT REPORTING PERIOD

The following activities are planned during the next reporting period which ends March 31, 1984, (Reference, Item No. of Work Schedule):

1. Mobilization - In mid-April our staff in Mogadishu was demobilized and our office moved to smaller quarters.
2. Soils laboratory testing will be completed.
3. Water sampling and laboratory testing will continue.
4. Data Collection - completed.
5. Special studies report - completed.
6. Final Design work will proceed on all items of work towards a 100 percent submittal ready for review.
7. Technical specification preparation will continue toward a 100 percent submittal for review.
8. The Solicitation Package documents, reviewed in New York were completed for final review in early May.
9. Construction Schedule - The construction cost estimate will be completed for review in New York in early June.
10. Construction Cost Estimate - The construction cost estimate will be finalized and submitted at the end of May.
11. Work on this report will be started.
12. Tariff Rate Study - Upon receipt of all comments this report will be completed.
13. Port Maintenance Study - Upon receipt of all comments this report will be completed.

F. USAID SUPPORT AND DECISIONS REQUIRED

Decisions and comments on the plans, specifications, contract documents and reports are required before the work can be completed.

G. MANPOWER UTILIZATION

During the reporting period the following key personnel served on the project:

<u>Position</u>	<u>Name</u>	<u>Man-Months This Period</u>	<u>Cumulative Man-Months</u>
Technical Director	B. Garunkstis	0.1	0.7
Project Manager	W. Buser	1.0	5.2
Project Administrator	P. Warley	0.2	2.4
Structural Engineer	N. Secker	0.4	2.1
Mechanical Engineer	P. Curnyn	0.7	3.0
Electrical Engineer	A. Siddiqui	0.7	2.1
Geotech. Engineer	R. Castelli	0.7	3.5
Economist	J. Callaghan	1.0	5.2
Port Oper. Spec.	C. Bui	0.5	2.0
Proj. Office Mgr.	R. Clifford	1.0	3.5
Home Office Support		<u>8.8</u>	<u>23.7</u>
	Total	15.1	53.4

The following personnel spent time in Mogadishu/Kismayo during the reporting period.

W. Buser
C.J. Callaghan
R. Clifford
C. Bui

The Manpower Utilization Chart for the project follows this page.

Parsons Brinckerhoff Computation Sheet

Page _____ of _____
Made by WMB
Date 1-04-84
Checked by _____
Revised _____
Date 5-17-84

Subject KISMAYO PORT REHABILITATION
MANPOWER UTILIZATION CHART



