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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. 4

Parsons Brinckerhoff International, Inc.
Mogadishu • New York

April 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 84.

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 7 and was completed by December 5, 1983.

The PBI office in Mogadishu was reestablished on November 5, 1983 and is currently staffed by our Project Office Manager, Roger Clifford, our Economist, C J Callaghan, and Somali staff including a civil engineer, liaison manager, messenger and driver.

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.

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

A-2 Schedule of Work Progress

The Work Schedule for the project was submitted to USAID in Mogadishu in early December 1983. This Work Schedule is enclosed, with some minor revisions, and indicates the work completed at March 31, 1984.

B. MAJOR ACTIVITIES AND EVENTS

The major events during this reporting period were the completion and acceptance of the Special Studies Report and the start of final 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.

Cam Bui, PBI Operations Specialist, arrived in Mogadishu March 4, 1984 to work on the Tariff Rate Structure and Port Maintenance Studies. He left Mogadishu April 1, 1984 after preparing the "Port Maintenance Study Report".

ing was held in the PBI New York office on March 22 and 23 to the 60% drawings and technical specifications. This meeting was attended by J Villafane and A Tumarello, AID/Washington. It was agreed that the review would continue in Mogadishu and that A Tumarello would telex his comments to USAID/Somalia in Mogadishu.

Draft Contract Documents based on the Federal Acquisition Regulations were prepared by R Clifford in Mogadishu for review during the first two weeks of April.

The Project Manager arrived in Mogadishu March 25, 1984 to participate in the 60% review of Plans and Technical Specifications plus the review of the Port Maintenance Study, the Tariff Rate Structure Study and the Contract Documents.

C J Callaghan, staff economist, completed the Tariff Rate Structure Study and prepared the draft report for an early April submittal.

The Additional Site Investigations report was submitted in Mogadishu.

The scheduled review in New York for the two week period starting April 30, 1984 was confirmed. All PBI personnel would depart from Mogadishu prior to that date and be present in New York for final reviews.

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 26, 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 80 percent completed. No work had been started on the Navigation Aids.

The plans indicating the general or civil work, the structural, architectural, electrical and mechanical work were about 60 percent complete.

7. Technical Specifications Preparation - Technical Specifications were prepared for the Mogadishu review for about 50 percent of the items of work. Technical Specification writing is dependent and lags behind the preparation of the plans.
8. Other Solicitation Package Elements - The complete solicitation package was prepared in draft form for review in Mogadishu. The element of the package consisted of two volumes as follows:

Volume I

Commerce Business Daily Notice
 Instructions for Submission of Bids
 Bid Form I
 Qualification of Bidders - Form II
 General Conditions of Contract
 Special Conditions of Contract

Volume II

Federal Acquisition Regulations
 Solicitation Provisions
 Contract Clauses

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 - Work was started during this reporting period on the construction cost estimate. Basic prices were obtained for certain elements of the work and comparative estimates were prepared for the alternative fender systems.

11. Not scheduled during this period.
12. Tariff Rate Structure Study - All data had been collected and consolidated. Analysis of alternative rate structures on the forecast cargoes were performed. Cost of operations were estimated to enable cost-based rates to be established. The tables and text of the report were in preparation.
13. Port Maintenance Study - The Port Operations Specialist arrived in early March and met with Port officials in Mogadishu and Kismayo. He had, prior to his arrival, become familiar with the reports and recommendations prepared by Price Waterhouse Associates in 1977. He observed the condition of port facilities and equipment, visited the maintenance workshop and reviewed existing and proposed staffing with the Port Manager and the Somali Port Authority. Then, based on the proposed US AID project, he prepared the Port Maintenance report which contains his observations, his evaluations, and his recommendations for maintenance staffing and equipment and for operating equipment procurement.

D. ITEMS OF CONCERN AND RECOMMENDED SOLUTIONS

Final decisions on contracting, contract management and funding have not yet been made. However, work is proceeding on the bases stated in our letter to US AID dated January 30, 1984. If decisions are made that vary from the bases on which we are proceeding, revisions in the work and schedule will be required.

We were advised that the Corps of Engineers unit price book for Somalia will be available in mid-April. This is considerably later than expected when the work was planned. By mid-April the cost estimate will be 80% completed. It is therefore proposed that our contract agreement be modified to allow us to use the C of E data only as a check of our estimate.

E. ANTICIPATED ACTIVITIES DURING NEXT REPORTING PERIOD

The following activities are planned during the next reporting period which ends April 30, 1984 (Reference, Item No of Work Schedule):

1. Mobilization - About mid-April our staff in Mogadishu will be 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.

Agreements with Government agencies concerning custom duties, taxes, fees and work permits, and for the use of land, facilities and natural resources must be prepared by US AID. These agreements may affect the Contractors costs and should be referenced in the Contract Documents.

G. MANPOWER UTILIZATION

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

Position	Name	Man-Months This Period	Cumulative Man-Months
Technical Director	B Garunkstis	0.0	0.6
Project Manager	W Buser	1.0	4.2
Project Administrator	P Warley	0.1	2.2
Structural Engineer	N Secker	0.4	1.7
Mechanical Engineer	P Curnyn	0.7	2.3
Electrical Engineer	A Siddiqui	0.7	1.4
Geotech. Engineer	R Castelli	0.7	2.8
Economist	J Callaghan	1.0	4.2
Port Oper. Spec.	C Bui	1.0	1.5
Proj. Office Mgr.	R Clifford	1.0	2.5
Home Office Support		6.0	14.9
TOTAL		12.6	38.3

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.

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PROGRESS REPORT NO. 4

Computation Sheet

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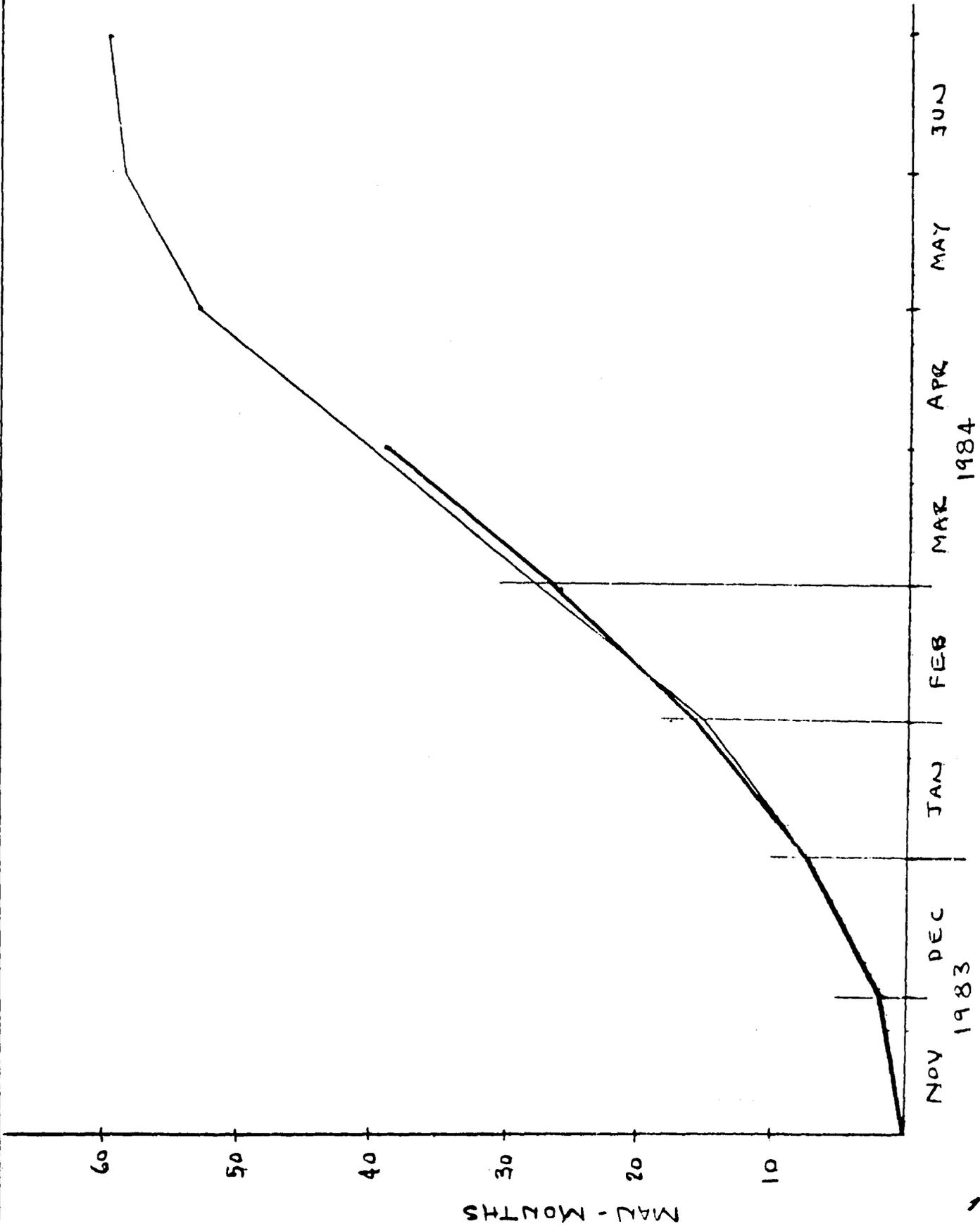
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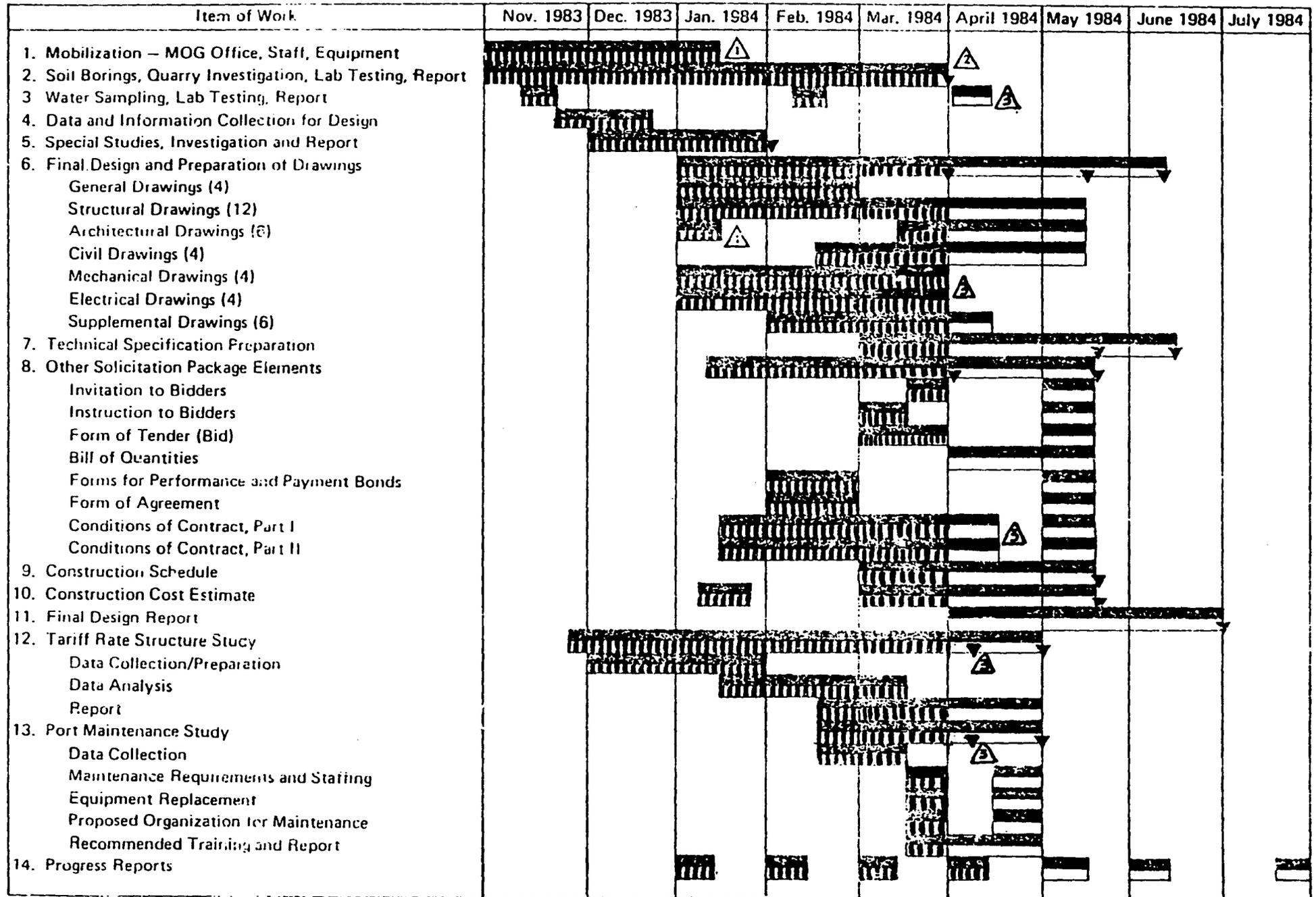
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Subject KISMAYO PORT REHABILITATION
MANPOWER UTILIZATION CHART



**KISMAYO PORT REHABILITATION PROJECT
WORK SCHEDULE – PROGRESS REPORT NO. 4**



△ Revised December 30, 1983

▽ Deliverables

△ Revised February 29, 1984

△ Revised April 1, 1984