

PD-ABS-770

ISN 91532

FINAL NARRATIVE REPORT

30 AUG 1993

Grant # 66

COORDINATION OF HUMANITARIAN ASSISTANCE

REHABILITATION OF IRRIGATION FACILITIES IN BAKWA

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Target Area(s):

Province: Farah (21)
District: Bakwa (21-06)

Grant Period:

03.15.92 to 01.15.93
Extended upto 07.15.93

Prepared by:

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(Director CHA)

I. Summary of Project

A. General Outcome:

Nine karezes have been cleaned in Bakwa district. It is now possible to irrigate about 1,275 additional jeribs of land by the inhabitants and the returning refugees. Before war 593 families were residing in the nine villages. According to the survey, at the time of beginning the project only 218 families were residing in the villages. Families have started returning to their homes. The direct beneficiaries have been skilled and unskilled labors totalling about 13,488 man days.

B. Major Events Affecting Outcome:

Labor shortage was experienced during the months of fasting and Eid festivals. Similarly during the harvest period no labor was available to work on the project. Work had to be suspended altogether a number of times during the project duration.

Similarly, perpetual shortage of skilled labor was another problem that CHA had to encounter most of the time.

However, people participated whole heartedly towards the completion of the project.

II. Project Achievements

A. Goal:

To provide irrigation facilities to the people of Bakwa and provide incentive to the refugees to return to their homes.

Objective:

To clean and repair nine karezes to increase flow of water in them so that 1,275 additional jeribs of land could be irrigated.

Activities:

- * Before starting the work, contract was signed with the village elders separately for each karez to the effect that after cleaning and repairs, responsibility of their maintenance in future will be that of the villagers using the karezes.
- * Labor was employed according to requirement and availability.
- * Equipment was purchased and transported to site in each case.

- * Sailburd or flood water passage was constructed over every karez.
- * The technical detail of each karez is as under:

Karez name corresponds to the village it irrigates.

1. **Kara Gaz:-**

Length 1,870 meters cleaned, 18 out of 31 wells were repaired.

2. **Shorkhana Kalan:-**

Length 2,287 m cleaned, 25 out of 42 wells were repaired.

3. **Shorkhana Khord:-**

Length 2,028 m cleaned, 15 out of 27 wells were repaired.

4. **Shamsabad:-**

Length 3,243 m cleaned, 20 out of 33 wells were repaired.

5. **Siya Sahim:-**

Length 3,450 m cleaned, 29 out of 36 wells were repaired.

6. **Gorgan:-**

Length 2,334 m cleaned, 17 out of 27 wells were repaired.

7. **Gorabad:-**

Length 2,085 m cleaned, 10 out of 18 wells were repaired.

8. **Qalandarabad:-**

Length 2,317 m cleaned, 16 out of 32 wells were repaired.

9. **Banak:-**

Length 1,890 m cleaned, 13 out of 17 wells were repaired.

In all 21,504 meters length and 163 wells were cleaned and repaired in the project. Flood water passage or "Sailburd" were constructed at some point over all the karezes.

III. Unanticipated Activities

None

IV. Obstacles

A. Unsuccessful or Uncompleted Activities:

None except unforeseen delays due to labor shortage.

B. General Difficulties and Weaknesses:

Nothing in particular.

V. Conclusions

Time schedule cannot strictly be maintained due to unpredictable circumstances.

VI. Project Monitoring

During project period, the following officials of CHA visited the project locations.

1. Director CHA was in Farah for about three months during June and September 1992.
2. In charge administration visited the projects in February - March 1993.
3. CHA civil engineer visited the site periodically and supervised most of the structure work.

VII. Evaluation

A. Project Impact:

Director CHA remained in Farah from April to July 1993. He witnessed a number of refugees returning to Bakwa.

The project has provided the means for irrigating more jeribs of land thereby increase in the agricultural out put resulting in better prosperity of the people.

B. Methods and Criteria for Evaluation:

During his stay in Farah, Director CHA visited the project, talked to the village elders to assess the impact of the project. He witnessed rise in water level in a number of karezes.

A monitoring team from IRC/RAP monitoring branch and headed by an expatriate visited the project. The impression is that the team was satisfied with project implementation. Their monitoring report is awaited.