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STORAGE TECHNOLOGY DEVELOPMENT AND TRANSFER
FOOD SECURITY PROJECT 391-0491
Contract 391-0491-C-00-6080-00

SHORT-TERM CONSULTANTS REPORT
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APRIL 16, 1987 - MAY 7, 1987

Objective

The objectives of this trip were presented in the Statement of Work section of "Detailed Planning for Bulk Wheat handling and Storage Pilot Project" {1}. The important objectives were to define the scope, area and throughput of the pilot projects and collect various data and information on cost, personnel, transport, quality and inventory control systems. Improvement of the existing facilities were also to be planned.

Activities

Extensive field trips were made to various installations of PASSCO, Provincial Food Departments (PFD) and private flour mills. These include Multan Silo, Hexagonal Bins at Khanewal, Chichawatni Silo, Sahiwal - Okara - Depalpur grain procurement region, Quetta Silo, Khairpur Silo, Peshawar PFD operations and private flour mills at Quetta and Peshawar. Meetings were held with officials of various organizations including USAID, MINFA, PASSCO, PFDs, NLC, Railway, Private Flour Mills and Flour Mills Association. Discussions were also held with wheat growers and "Arthis".

Output

Relevant data and information were collected as detailed in the Statement of Work {1}. Site visits, meetings and discussions resulted in defining scope, area and throughput of the pilot projects and identification of the improvement of the existing facilities. The objectives were fulfilled.

Future Action

Phase-II of the scope of work {1} will be undertaken in the United States and upon completion of Phase II, Phase III will be undertaken in Pakistan. Phase III will result in a report- "Pilot Bulk Wheat Handling and Storage in Pakistan". This report will identify the project, its various components and their cost. Project implementation method will be suggested.

{1} Food and Feed Grain Institute, Jan. 1987 "Proposal for Detailed Planning for Bulk Wheat Handling and Storage Pilot Project" submitted to Ministry of Food, Agriculture and Cooperatives and United States Agency of Int'l Development.

ITINERARY FOR ENGINEERS
RELATED TO PHASE I OF PLANNING
BULK WHEAT HANDLING AND STORAGE PILOT PROJECT

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|--------------------|---|--------------------------------|----------------------|
| April 16 - 20 | Meet Barry Primm and Gulzar Qazi of USAID and review various literatures and formulate plans. | | |
| April 21 Tuesday | Islamabad-Multan Arrive Multan | PK-333 | 0730 hrs 0950 hrs |
| | 1. Deputy Director Food will meet at Multan 2. inspect steel silos Multan 3. Meet growers and Arhties 4. Assess Constraints and needs Stay at Multan | | |
| April 22 Wednesday | 1. Multan-Khanewal 2. Inspect Hex Bins at Khanewal 3. Inspect Concrete Silos, Chichawatni 4. Assess constraints and needs 5. Inspect Arhti operation and meet Arhties to assess their involvement in Bulk Project (Privatization) 6. Stay at Chichawatni | By road | |
| April 23 Thursday | Sahiwal-Okara-Depalpur Region- 1. Inspect Bulk Storage Facilities at Okara and Depalpur 2. inspect Harvest, Grain Collection, Receiving, Transportation, storage etc. (PASSCO). 3. Assess constraints and needs 4. Arrive Lahore 5. Stay in Lahore | By road By road | |
| April 24 Friday | Lahore - Quetta Arrive Quetta Inspect Quetta Silo | PK-323 | 1400 hrs 1520 hrs |
| April 25 Saturday | Meet Secretary Food Baluchistan 1. Inspect Quetta Silo 2. Assess constraints and needs 3. Visit Flour Mills 4. Quetta - Karachi 5. Arrive Karachi 6. Stay at Karachi | PK-325 | 1630 hrs 1520 hrs |
| April 26 Sunday | Karachi-Khairpur 1. Inspect silos at Khairpur 2. Assess constraints and needs 3. Khairpur - Sukkar 4. Stay at Sukkar | By road By road | |

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| April 27 | Monday | Sukkar-Karachi Arrive Karachi | PK-543 | 0940 hrs 1105 hrs |
| | | 1. Visit Port Qasim & meet Manager of Operation | | |
| | | 2. Stay in Karachi | | |
| April 28 | Tuesday | 1. Karachi-Islamabad | PK-300 | 0700 hrs |
| | | 2. Arrive Islamabad | | 0900 hrs |
| | | 3. Arrive Peshawar | By road | |
| | | 4. Meet Director of Food, NWFP | | |
| | | 5. Inspect Hexagonal Bins & Godown | | |
| | | 6. Stay in Peshawar | | |
| April 29 | Wednesday | 1. Inspect rail siding | | |
| | | 2. Assess constraints and needs | | |
| | | 3. Meet Millers at Peshawar & President of Pakistan Flour Mills Associations/Needs for participating Millers in Project | | |
| | | 4. Peshawar-Lahore | PK-377 | 1630 hrs |
| | | 5. Arrive Lahore | | 1730 hrs |
| | | 6. Stay in Lahore | | |
| April 30 | Thursday | Meeting with PASSCO General Manager, Engineering & Railway Officials | | |
| May 01 | Friday | Stay at Lahore | | |
| May 02 | Saturday | Lahore-Depalpur and back | By road | |
| | | Visit Procurement centers | | |
| | | See mechanical thrashing operation | | |
| | | Stay in Lahore | | |
| May 03 | Sunday | | | |
| May 04 | Monday | Meeting with Managing Director, PASSCO & General Managers Engineering PASSCO | | |
| | | Meet Chief Engineer, Railway | | |
| | | Meet Managing Director of Local Construction Contractor | | |
| | | Meet Principal of local engineering consulting firm | | |
| | | Lahore-Islamabad | PK-380 | 0745 hrs |
| | | Arrive Islamabad | | 0845 hrs |
| May 05 | Tuesday | Meeting and discussion with FFGI Staff | | |
| | | Meet MINFA, USAID and steering committee for briefing session. | | |
| | | Meet NLC Officials | | |
| May 06 | Wednesday | Meet World Bank Officials | | |
| May 07 | Thursday | Depart for USA | | |