



LARP Implementation – Lessons Learnt & Experiences in Jalalpur Irrigation Project

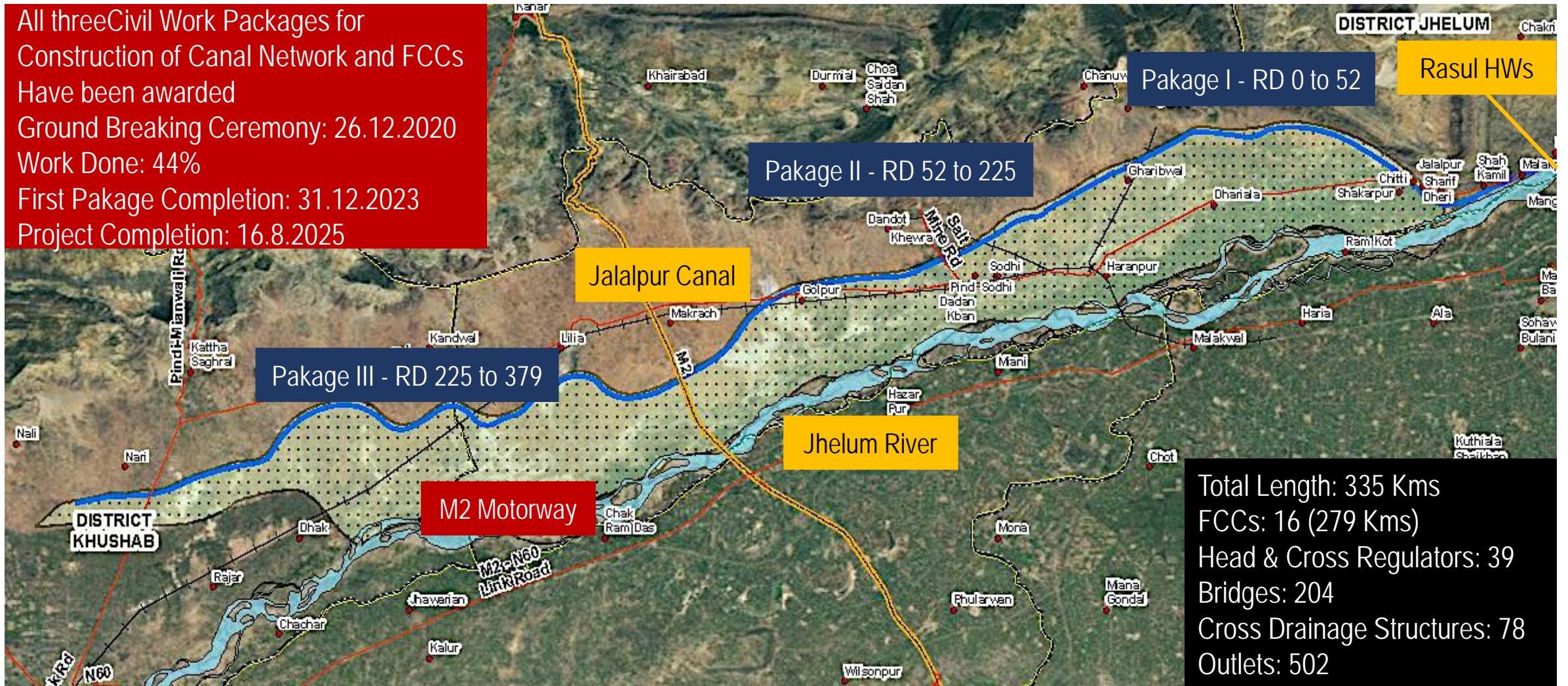
PMO - Canals Projects
Punjab Irrigation Department

PROJECT SALIENT FEATURES

- Design Discharge of Main Canal = 1,350 cusecs (38.23 cumecs)
- Non-perennial Canal = April to October
- CCA (Tehsil PD Khan and Khushab) = 174,000 acres (70,417 ha)
- Length of Main Canal = 116 km
- Number of distributaries & minors = 23 + 7
- Length of distributaries & minors = 219 km
- Length of Lined Main Canal = 25 km
- Length of 16 number Flood Carrier Channels = 279 km
- Construction of 485 farm level watercourses (50% length lined)
- Precision Land levelling on about 30,000 acres.
- Drip Irrigation Systems over 2,000 acres with solar powered pumping stations.
- 664 Agriculture demonstration farms on selected farms of 528 acres (214 ha).

Ongoing Jalalpur Canal System

All three Civil Work Packages for Construction of Canal Network and FCCs Have been awarded
Ground Breaking Ceremony: 26.12.2020
Work Done: 44%
First Package Completion: 31.12.2023
Project Completion: 16.8.2025



Extent of Land Acquisition and DPs at Jalalpur Irrigation Project (JIP)

- The JIP comprises main canal, distributaries & minors and Flood Carrier Channels FCCs totaling 614 Km
- The project is being implemented in to 03 civil works contract packages (ICBs)
- Accordingly, 03 LARPs have been prepared corresponding to the 03 civil works contract packages
- All 03 LARPs have been endorsed by the ADB and disclosed on the website
- Construction of the PID Staff Colony at Kheowra will be carried out through a separate contract for which LARP has been endorsed and disclosed by ADB

Extent of Land Acquisition and DPs at Jalalpur Irrigation Project (JIP)

- Land measuring 8558 acres has been acquired at JIP
- 100% land has been awarded by LAC Jhelum, PD Khan and Khushab
- Total DPs are 143,870 No.
- Land holding in the area is very small accordingly, DPs number is very high
- To date, 96% acquired land has been handed over to Contractors after LARP implementation, validation reports of External Monitor endorsed and NOL issued by the ADB

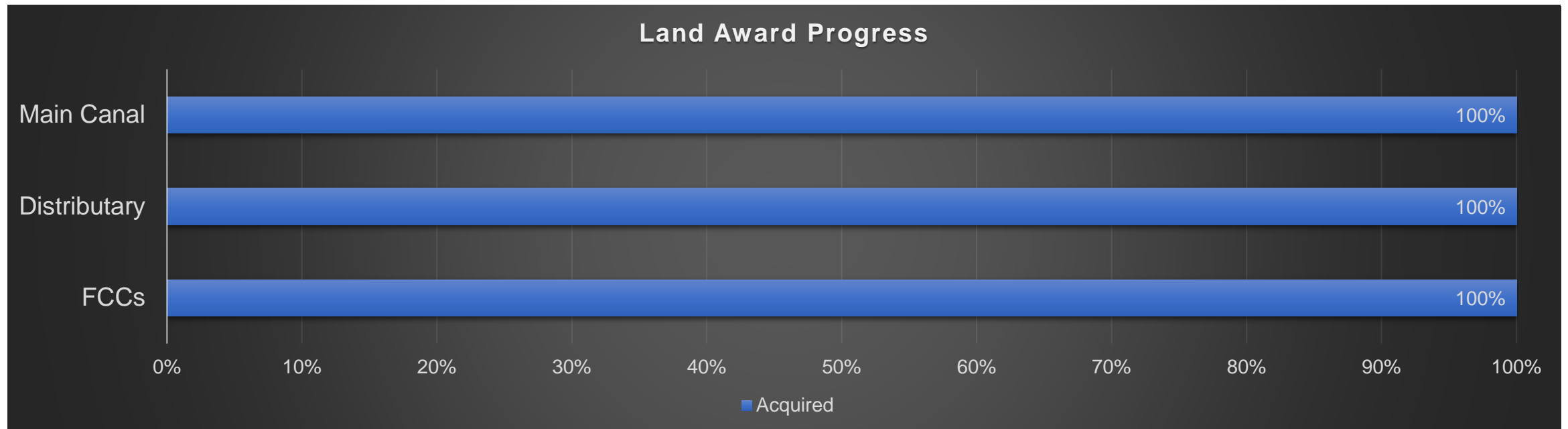
Project Progress: Land Acquisition

❑ **Total Land to be Acquired:** **8558 Acres - 560 Km Long Strip**

❑ **Total District Jhelum:** **7181 Acres**

- Tehsil Jhelum: 228 Acres
- Tehsil PD Khan: 6953 Acres

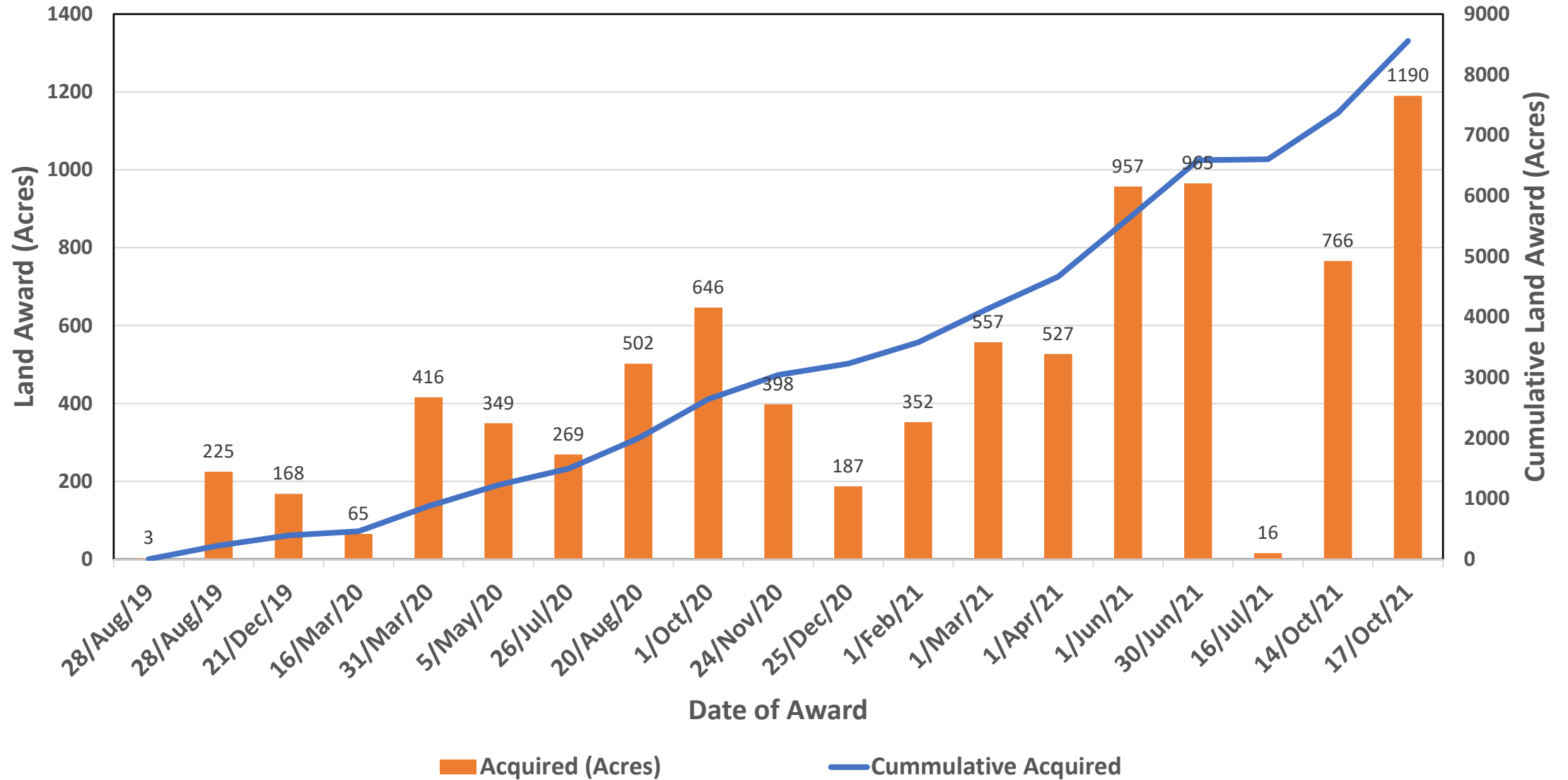
❑ **Total District Khushab:** **1377 Acres**



ADB Loan and Social Safeguard Policy

- The loan agreement specifies that:
 - Land Acquisition and Resettlement Plan (LARP) for each contract package shall be prepared and duly approved by the ADB complying SPS-2009;
 - The Contractor shall be handed over possession of land subject to implementation of LARP and issuance of a no objection letter (NOL) by ADB

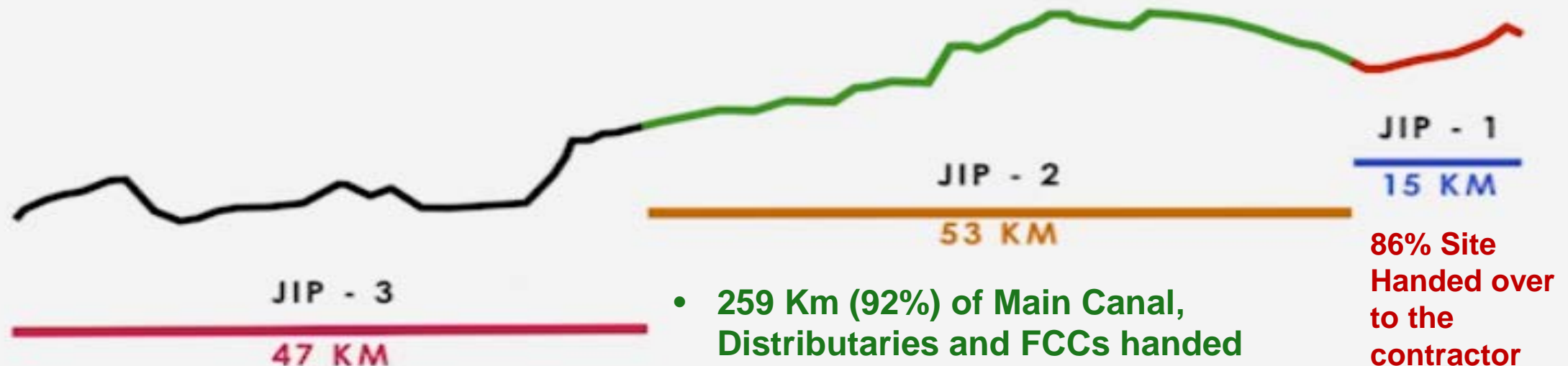
JIP - Land Acquisition Progress



Project Progress - Civil Works Packages

JALALPUR IRRIGATION PROJECT PACKAGES

Description	Package -1	Package -2	Package -3
Contract Award	04-12-2019	24-03-2021	30-09-2020
Letter to Commence	17-02-2020	02-08-2021	27-05-2021
Land Handover	86%	92%	100%



- All 304 Km (100%) of Main Canal, Distributaries and FCCs handed over to contractor, work in progress

- 259 Km (92%) of Main Canal, Distributaries and FCCs handed over to contractor, work in progress

86% Site Handed over to the contractor

Land Acquisition SWOT Analysis

Strengths

- Will of the Government
- Legal Authority of the Government
- Availability of Funds with PMO and LAC
- Project Steering Committee
- Strong PMO Team

Opportunities

- Barren Lands
- Public demand for the project
- Dedicated unit for the implementation of Project
- Political and line staff Commitment
- Local employment

Weakness

- Shortage of resources in Revenue Department
- Work Load of Revenue Department
- Goal alignment: PMO and Revenue Department
- Lack of Land Acquisition Experience in Rev. Department
- Awareness of ADB Social Safeguard policies
- Centralised disbursement system of Govt of Punjab

Threats

- High number of Displaced Persons (DPs)
- Length of the system
- Too large area and strip land
- Accuracy of acquaints (Lathas)
- Unconsolidated land
- Fragmented and small land holdings
- Meagre amount compensations
- Fear of accountability system
- Transfer postings of revenue deptt staff

Technical & Social Considerations

- The Jalalpur project involved permanent acquisition of various categories of land i.e. agricultural, residential and barren.

- At Inception stage 5,458 acres of land was assessed to be acquired

- At Detail Design Stage land under acquisition requirement increased to 8,558 acres – 57% increase:
 - Command area increased to 174,000 acres from 160,000 acres
 - Change in the canals alignment;
 - The concept of developing the network of FCCs, further developed;
 - To minimise resettlement and social issues;
 - Shortening length of the lined portion of canal;
 - Accordingly, PC-1 for land acquisition cost of Jalalpur Irrigation Project was revised on 06-10-2020.

Corrective Actions

- **Technical & Administrative Decisions**

- Sensitivity of the situation and limitation of time for project completion;
- Analysed the **factors causing time delays** and **measures to expedite the process** of Land acquisition:
 - No More changes in alignment of canal will be made;
 - Detail Design Consultant were disengaged and Project Implementation Consultants were made responsible to review and take appropriate decisions, independently.

Strengthening of Revenue Department

1. Huge work of acquiring **8558 acres** involving more than **1,44,000 displaced** persons (DPs) in a strip of more than 614 km long;
2. Options to expedite the land acquisition process were discussed, and all stakeholders were sensitised and taken on board;
3. Coordination with the LACs was improved and a target-oriented approach was adopted;
4. Additional revenue staff teams were hired as per recommendations of the LAC and logistics support;
5. Short term and long term targets were set for each staff;
6. Reporting system was established to monitor the daily work performed by these staff members;
7. Keeping in view the average work progress the number of team members was adjusted to achieve the targets.

Land Acquisition – Efforts

❑ Appointment of Additional LAC:

1. Fragmented land
2. Excessive no of DPs
3. Meager payments
4. Human resource improvement

❑ Effective Follow-up:

1. PMO Canals teams were redefined;
2. Teams empowerment;
3. Close Coordination of Team, headed by the Director- Environment and Social Safeguards with Deputy Commissioners;
4. Deputation of two Deputy Directors of the PMO, one for PD Khan and the other for Khushab, to ensure close liasoning;
5. To strengthen the revenue department's internal follow-up mechanism. The supervising officer; ADC Revenue was facilitated and his effectiveness was improved by providing logistics support.

Land Acquisition – Efforts

Visits of Secretary Irrigation

Visits of Secretary Irrigation to District Jhelum and District Khushab along with Project Director to:

1. Convey the ownership;
2. Review;
3. Evaluate and Expedite;
4. Re-align the policy directions and;
5. Reaffirm a sense of urgency.

Land Acquisition – Efforts

Timely Payment of Land & Non Land Assets:

1. Payment for Land;
 - Land Cost;
2. Non land assets;
 - Crop, trees, structures, tubewells
3. Allowances';
 - Vulnerability Allowance, Displacement Allowance.

Ownership by the Revenue Department and Confidence Building:

1. The Deadlines were established in consultation with the Revenue staff;
2. Active discussions with the modality of the land acquisition;
3. Restructuring of Land Acquisition sequences
4. Toning down of Confrontational discussion;

Land Acquisition – Efforts

Innovative Approach for Fixing Achievable Timelines:

- Long procurement process for major contracts was complete but without land acquisition;
- The contract awards were a liability for PMO, necessitating, an innovative approach;
- The total Land further divided into batches (17);
- Batches further divided for securing early NOL from ADB for just 18 Nos of structures, saving at least six months time.

In order to avoid the delays, selective LARP compliance was completed for 18 structures; and commencement was issued for the contract after securing NOL from ADB, saving time of at least six months.

Land Acquisition – Efforts

Effective Grievance Redressal Mechanism (GRM)

- An effective Grievance Redressal Mechanism (GRM) with 3 tier structures is in place; one at village level, second at tehsil level and, third at project level
 - understandable and transparent process that is gender responsive, culturally appropriate and readily accessible to all segments of the affected people at no cost and without retribution.
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- **Strong Role of Project Steering Committee (PSC)**
 - Common highest forum, Integration of all line agencies;
 - Project progress evaluation and realignment of strategies;
 - Participatory management of the objective of the Land Acquisition and LARP implementation.

Lessons Learnt (1/2)

- An apex committee, integrating all stake holders, is an asset if effectively used;
- Engagements by the heads of the departments is a source of creating mutual understanding and coordination among the stakeholders;
- Timely decisions for the finalization of the designs and clarity in goal definition is pivotal to achieve the objectives;
- An under-resourced setup can never achieve the targets; identification of weak areas and their strengthening is essential: supplementing the deficiencies of resources in Revenue Department played a pivotal role;
- Regular follow up and progress review and timely corrective actions are important;

Lessons Learnt(2/2)

- Will of the government, ownership of supervisory staff and public representatives played an important role in pushing the Revenue Department for completion of land acquisition process;
- Timely provision of funds is essential for efficient land acquisition;
- Empowerment and motivation of the PMO field teams played an important role;
- Unrealistic time lines for the land acquisition results in enhancement of the expectations, and generates acceptability of failure, demoralization of staff and cost & time overruns;
- An effective Grievance Redressal Mechanism plays important role in resolving grievances of DPs.



CHAIRMAN

April 21, 2022

LAHORE

Subject: **ACKNOWLEDGEMENT - COMPLETION OF LAND ACQUISITION & RESETTLEMENT PLAN FOR JALALPUR IRRIGATION PROJECT**

Dear

With looming crisis of water scarcity, need for taking up plans and initiatives focusing on water security is becoming increasingly imperative. Advent of the Jalalpur Irrigation Project (JIP) in districts Jhelum and Khushab with assistance of Asian Development Bank (ADB) is a landmark water sector project in the direction aiming at water and food security, poverty alleviation, and increased economic activity in marginalized farmlands of the province. The major milestone to be achieved for proper initiation of this ambitious project was extensive land acquisition of 8,558 acre in JIP project all along more than 320 km long irrigation canals and 240 km long flood carrier channels (FCCs). The arduous task was complex and its time bound completion in accordance with the LARP (Land Acquisition Resettlement Plan) covenants of the Bank's Project Agreement demanded strict compliance of the ADB's social safeguard policies. Furthermore, range of issues like large number of project affected persons and enormity and complexity of acquisition processes in wake of fragmented land holdings etc. were quite challenging for successful compliance of all pertinent sections of Land Acquisition Act, 1894.

2. Successful completion of the protracted land acquisition activities with bankable LARP documentation with regard to Jalalpur Irrigation Project (JIP) under competent patronage of Irrigation Department is highly commendable as this is expected to enable timely execution of the project averting time and cost overruns. Untiring efforts of the Project Management Office (PMO) and efficient handling of the arduous tasks and milestones by the project management staff deserve high appreciation. Efforts of the Project Director, Mr. Raza ur Rehman Abbasi, and Director Environment & Social Safeguards, Mr. Sadaf Iqbal of PMO Canals in accomplishing implementation of JIP's LARP in proficient manner need special recognition. As such, this office is pleased to acknowledge the exceptional efforts of Irrigation Department and the PMO Canals team toward fast-tracking execution of the monumental Jalalpur Canal Irrigation Project.

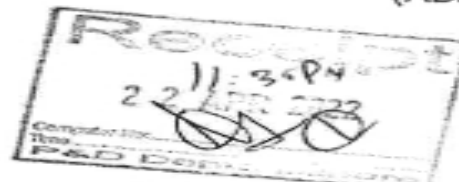
Best regards,

Yours Sincerely,

(ABDULLAH KHAN SUMBAL)

21/4/22

Mr. Saif Anjum
Secretary Irrigation Department
Government of the Punjab
Lahore



Thanks
