

PHYSICAL VERIFICATION REPORT

- 1. Name of the Project:** Rafiabab Lift Irrigation Scheme, Baramulla
- 2. Executing agency:** I&FC Division Sopore and Mechanical Irrigation Const Division, Srinagar
- 3. Year of start:** 1985-86
- 4. Target CCA:** 2932 hectares
- 5. Achievements :** 2094 hectares (71%)
- 6. Financial status:**

Original project cost:	Rs 10.60 crore
Revised cost:	Rs 63.62 crore
Expenditure:	Rs 54.05 crore (85%, ending Oct, 2010)

7. Physical Status of Work:

(a) Linear Progress

<i>Name of the Component</i>	<i>Units</i>	<i>Target</i>	<i>Target Achieved Upto October 2010</i>	<i>Achievement in %Age</i>	<i>Balance Left</i>	<i>Remarks</i>
<i>Land Acquisition</i>	Kanals	130	125	96 %	5	
<i>Command Area</i>	Hectares	2932	2094	71.4 %	838	Balance area to be catered through Low Lift part.
<i>Pump House</i>	Nos.	3	3	100 %	-	

<i>Electric Sub Station</i>	Nos.	3	3	100 %	-	
<i>Pumping Units</i>	Nos.	High Lift	6	6	100 %	-
		Low Lift	2	2		
		Rohama	2	2		
		Doulatkhul	2	2		
<i>Delivery Tanks</i>	Nos.	2	2	100 %	-	
<i>Rising Main</i>	Mtrs.	High Lift	4200	4200	100 %	-
		Low Lift	2110	1870	88.6 %	240 Mtrs. of Rising Main laying held up due to land dispute at Saidpora
		Rohama	1692	1692	100 %	-
		Doulatkhul	8	8		-

<i>Name of the Component</i>	<i>Units</i>	<i>Target</i>		<i>Target Achieved Upto October 2010</i>	<i>Achievement in %Age</i>	<i>Balance Left</i>	<i>Remarks</i>	
<i>Canal</i>	<i>Mtrs</i>	<i>High Lift</i>		5200	5200	100%	-	
		<i>Low Lift</i>	<i>Cut and Cover Conduit</i>	1300	500	38%	800	Balance work to be taken up as the land dispute at Tragpora Army Camp needs to be settled down
			<i>Pipe Conduit for distribution</i>	1070	-	-	1070	Held up due to land dispute. 500mm dia D.I pipe procurement under progress.

8. Field Observations:

- I. The physical verification of the Rafiabab Lift Irrigation scheme was conducted on 15-11-2010 with Xen Mechanical Division, Srinagar and Xen, I&FC Division Sopore accompanied to the project sites;
- II. The executing agencies of the project are I&FC Division, Sopore and Mechanical Irrigation Construction Division, Srinagar;
- III. The scheme is located on the bank of river Jehlum at Ladoora which is 8 Kms from main town of Baramulla;

- IV. The scheme was started in the year 1985-86 at original cost of Rs 10.60 crore and is presently under progress at a revised cost of Rs 63.62 crore under AIBP since 2000-01 which comprise mechanical component of Rs 21.60 crore and civil component of 42.02 crore;
- V. The expenditure registered ending October, 2010 is of the order of Rs 54.05 crore which works out to be 85%;
- VI. The project consists of the high lift part and low lift part with a capacity of lifting 150 cusecs of water and 30 cusecs from river Jehlum respectively;
- VII. The total command area of the scheme is 2932 hectares against which 2094 hectares stands achieved which comes to 69%;
- VIII. The main pump house at Ladoora stands completed including electric sub station and the high lift part is already in operation since 2007-08 benefiting 35 areas;
- IX. Under high lift part the water is lifted from river Jehlum through 5 No. vertical pumps housed in the main pump house at Ladoora which is carried through 1500 mm dia MS rising main for a length of 4200 Mts and dropped in the delivery tank at Tragpora;
- X. From Tragpora delivery tank the water flows under gravity through the lined channel for its distribution to the command area as per requirement;
- XI. The low lift part also housed in the main pump station at Ladoora is presently under progress and on completion shall provide irrigation facilities to 838 hectares of 3 villages of Ladoora, Ferozpora and Achabal;
- XII. 2 No. pumps each of 15 cusecs capacity has already been installed at the main pump house Ladoora where from water shall be carried through 750 mm dia MS pipe main rising for a length of 2110 Mts for its drop into the delivery tank at Saidapora Ladoora near NHW;
- XIII. The delivery tank at Saidapora Ladoora near NHW has been constructed;
- XIV. Against the target of 2110 Mts of rising main for low lift part 1870 Mts (89%) have been covered and similarly the cut & cover conduit has also been constructed for 500 Mts (39%) against the target of 1300 Mts and construction work was on progress;
- XV. Jehlum Brand cement of JK Cements Ltd of OPC Grade 43 with good quality bajri and sand was in use for construction purposes;
- XVI. The executing agencies has executed work of standard quality;
- XVII. The scheme is targeted for completion during the current financial year and sufficient funds for its completion are available.

9. Problem areas:

- The mechanical side is facing problems for laying of the pipe for about 240 Mts on account of the public resistance at Saidapora Ladoora near NHW which shall get connected to the delivery tank at Tragpora;
- The civil side is also facing land acquisition problem for about 400 Mts near Army Camp Tragpora for the construction of cut & cover conduit.

10. Suggestions/ remedial measures:

- The DC, Baramulla has to be impressed upon to settle the land disputes at Saidapora Ladoora and near Army Camp Tragpora so that the executing agencies are in a position to execute the works further for completion of the scheme by the end of March, 2011.

11. Conclusion:

The scheme has been envisaged for providing irrigation facilities to Rafiabab and its adjoining areas so as to cater to the command area situated at high contours. The scheme is targeted for completion during the current financial year and sufficient funds for its completion are available.

Physical Verification Conducted by :	Altaf Ahmad Zargar, Joint Director Planning, Monitoring Cell, Chief Minister's Secretariat.
Officers of Executing Agency who accompanied	1. Executive Engineer, Mechanical Division, Srinagar 2. Executive Engineer, I&FC Division Sopore Mechanical Division, Srinagar and I&FC Division Sopore