

## Inspection Report

<b>Visit Date</b>	16-12-2015
<b>Report Submitted</b>	12-01-2015

- 1). **Name of Project:** 3.2 MW Rehra Hydrel Power Project.
- 2). **Sector:** Power
- 3). **Sub-Sector:** HEB
- 4). **Unique Ref. No:** POW-98
- 5). **Location:** Distt. Bagh
- 6). **Name of Contractor:**

No.	Name of Contractors	Work No/ Date	Work Order Amount	Time Line
1.	M/S Cade Creetes Associates Construction of Power Channel Lot I	768-74 Dated 24 April 2009	11.900 Million	18 Months
2.	M/S Rawani Construction, Construction of Power Channel Lot II	1349-53 Dated 13 June 2009	67.520 Million	--
3.	M/S Lowari Construction, Construction of Power Channel Lot III.	775-81 Dated 24 April 2009	28.900 Million	--
4.	M/S Sarwar & Company Construction of Power House, support etc.	1650-57 Dated 16 July 2009	46.580 Million	--
5.	M/S Jibran & Co. Construction of Staff Quarter.	HEB 2770-75 Dated 17 Oct 2011	8.70 Million	--
6.	HMC Supply of Penstock pipes	108-12 Dated 23- 11-2009	39.260 Million	--
7.	Sarkar Energy Supply, Erection, Testing, Commissioning of electro mechanical equipments	3483/2010 Dated 27-05-2010	113.500 Million	--
8.	PIA Welding, Erection of Penstock pipes	5452-5 Dated 07- 09-2012	6.129 Million	--

9). (a) Time Line:

	As per PC-I		Approved Duration of Project	Approved Cost
	Date of Approval	Date of Completion		
<b>Original</b>	07 May 2009	07 Nov 2010	18 Months	344.799 Million
<b>Revised (Last)</b>	30 Dec 2011	2014		396.518 Million

(b) Time Over: YES

10). Cost:

	Actual	1st Revised Unapproved	2 <sup>nd</sup> Revised	3 <sup>rd</sup> Revised	4 <sup>th</sup> Revised	5 <sup>th</sup> Revised
<b>Amount</b>	344.799 Million	396.518 Million				
<b>Date</b>	07 May 2009	30 Dec 2011				

11). Financial Progress in terms of %: 100 %( Complete)

12). Physical Progress in terms of %: 100 %( Complete)

**Observations/Findings**

1. 3.2 MW Rahra Hydel project is located at Rehra Nallah Tehsil & District Bagh. The project layout consist of one diversion weir located about 4 Km upstream of confluence of Rehra Nallah.
2. The power house is equipped with auxiliary mechanical equipment for smooth operations as well as maintenance. The original project “Construction of 3.2 MW Rehra Hydel Power project was approved by AKCDC on 02-08-2008. The work on the project could not be completed within the approved cost due to increase in physical scope, as the scope in the approved PC-I was not adequate to meet the requirement.
3. The newly constructed civil infrastructure of project was affected during the flood of 2014. Therefore the PC-I of left-over works has been prepared to deal with additional scope. The scope included in the scheme was missing in the original PC-I of the scheme.

4. The structural work of 3.2 MW Rehra Hydel project includes left-over work of power channel, power house & approach road. To complete the remaining work of the project the PC-I costing Rs. 4.388 million has been submitted by PDO.
5. The water channel has seepage at various points.
6. The construction of the approach road to the power house is not satisfactory.
7. The main building of power house has been affected due to dampness.
8. The power house on site was running on no load due to a damage of power cable & it has been told that Dhulli Feeder is connected to the power house, so the power house was running on isolation mode.

### **Recommendations.**

1. The timeframe of completion project was 18 months. The date of approval of project was 07 May 2009, but it has been completed in 2014. The sponsor agency may justify & incorporate the reasons for not completing the left-over work in original PC-I, if this was not possible in original scheme than it was responsibility of the implementers to submit revised scheme at appropriate time. The department should submit inquiry report regarding not completing the original scheme within the sanctioned time.
2. PC-IV of the project is yet to be prepared by the department. Hence project completion report must be attached with PC-I to justify proposed leftover works.
3. The power house is running on isolation mode. To utilize the full installed capacity of power house and to save the energy losses it is proposed that the PDO may connect the isolated mode operational power house with national grid, which will result in considerable increase in energy generation.
4. In future, no scheme may be considered for inclusion in the ADP for left-over works/protection works. If necessary the revised scheme may be submitted for consideration to relevant fora well in time.

5. The PDO should submit no duplication certificate that no item of protection work has been included in World Bank's project.
6. The water channel has seepage at various points that is affecting the surrounding houses of local people. The department should provide concrete testing report of the water channel & also conduct inquiry regarding water channel seepage.

**Project Director/Project Manager/Coordinator/Xen/directly responsible for the execution of the project:**

S#	Name of Officer	Designation	Contact	Duration	
				From	To
1.	S. Zahid Khan	Project Director		2009 to 2011	
2.	Sadiq Khan Mughal	Director	0344-7074170	2009 to 2011	
3.	Shahid Iqbal	Dy. Director	0345-9597363	June 2009 to June 2012	
4.	Basharat Ahmed	Dy. Director	0300-4536258	July 2012 to Date	
5.	Mohammad Yaseen	Dy. Director	0355-7603273	2009 to Date	
6.	Shuj-a-ali Khan	A.E	0355-7605589	2008 to 2012	
7.	Zaheen Ahmed	A.E	0345-9637125	2012 to 2013	
8.	Amer Nazir	A.E	0355-7101000	2013 to Date	

**Monitoring Team (P&DD)**

S#	Name	Designation	Signature
1.	Ajaz Ahmed Lone	Director General (M&E)	
2.	Abdul Akbar Tahir	Deputy Director (M&E)	
3.	Syed Muhammad Asif Bukhari	Chief Draughtsman	

## PICTORIAL VIEW



Power House Building



Dampness in Walls & Roof



Dampness in Walls & Roof



Seepage in Channel



Cracks in Channel



Seepage in Channel



Sliding Areas of Channel



Sliding Areas of Channel



Sliding Areas of Channel



Water Channel Rehra