

STAR HYDROPOWER LIMITED

PATRIND HYDROPOWER PROJECT



Stakeholders Engagement Report

November, 2010



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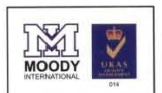


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ABBREVIATIONS

AJK	:	Azad Jammu & Kashmir
CDM	:	Clean Development Mechanism
CEO	:	Chief Executive Officer
CERs	:	Carbon Emissions Reduction
EIA	:	Environmental Impact Assessment
EPA	:	Environmental Protection Agency
EPC	:	Engineering, Procurement, Construction (Contractor)
GRC	:	Grievance Redress Committee
KP	:	Khyber Pakhtunkhwa
NEQS	:	National Environmental Quality Standard
NGOs	:	Non Government Organisations
NTDC	:	National Transmission and Dispatch Company
P&D	:	Planning & Development
PES	:	Pakistan Engineering Services
SHPL	:	Star Hydro Power Limited
SR	:	Safeguard Requirements
UC	:	Union Council
WAPDA	:	Water & Power Development Authority

1. INTRODUCTION

Stakeholders Engagement Report explains the process of consultation with relevant stakeholders of the Patrind Hydropower Project. It documents how the consultations were done, what were the results and how SHPL plans to continue the process during construction and operation phase. The report describes the information disclosed to relevant stakeholders prior to project implementation and presents the responses from the information recipient. The report also contains the Information Disclosure Policy of SHPL that it intends to implement during construction and operation phases for keeping relevant stakeholders informed about the project and about the any or all related issues that may have a bearing on stakeholders.

1.1. Methodology of Stakeholder Selection and Process of Consultation

The process of identification of stakeholders started with the development of the basic project plan by the technical consultants. Using such plan and area maps, the technical consultants marked the land and water courses that would be directly or indirectly affected by the project. This included the land that would be required for the construction of various structures and that which would be submerged in the head pond; parts of river Kunhar that would form the upstream pond and downstream of the weir; and roads and infrastructure required for the construction of the project. The consultants for the EIA, using the such information, conducted field tours of the area and identified the villages and areas which would be impacted by the project. The consultants with the help of local people, including their elected representative and notables, of such villages collected the relevant details necessary for EIA and also identified the land owners whose lands were directly impacted, permanently or temporarily. The consultants also used the published information from the census to develop the demography of the area. Considering the basic project plan developed by the technical consultants, the EIA consultants also identified, and consulted with, relevant governmental departments and institutions such as fishery, wildlife and forest departments.

The field team consisting of environmentalists, sociologist and ecologist undertook the process of consultation with governmental agencies, community representatives and affected people. The field team shared the information about the project and its impacts with stakeholders and solicited their opinion and views. Field trips were conducted in June 2006, and in March and April 2010. The consultation process helped the affected persons regarding land acquisition and bringing clarity on issues that might be raised during project implementation. The process also included the preparation of an introductory and information brochure in Urdu about the Project, its location, main impacts and benefits.

Questionnaire prepared and used in the field is placed as Annex -1. Urdu version of the questionnaire is included as Annex -2.

2. COMMUNITY CONSULTATIONS

The feasibility study was carried out by Pakistan Engineering Services (PES) and the Environmental Impact Assessment was a part of the Feasibility Study

Report. A conceptual design was proposed in the feasibility study and by following the layout of the project the environmental team from PES visited the site. The team consulted with the local community and after the consultation they assessed and identified the stakeholder (affectees) who will be affected by the land acquisition due to the project implementation.

Community consultation process was started at an early stage in the project cycle. This ensures that feedback from communities and other stakeholders directly or indirectly affected by the project can be used to adjust and improve the project's design, planning, and implementation and help structure the project to be both environmentally and socially acceptable. The consultants held meetings with primary stakeholders to assess any potential issues that could be raised due to the project activities. The survey team visited five villages in total that may be affected from the activities of the proposed project. During these consultations a simple, non-technical description of the project was given, along with an overview of the project's likely human and environmental impacts. Following the project description, detailed discussions were held so that the participants could voice their concerns and opinions. These concerns and suggestions were recorded in field notes.

Apart from consultations with the local community, consultations with concerned public representatives and officials of the relevant line government departments were also held. The details of community consultations showing names of participants are given in the Table 2.1.

Table 2.1: Participants of Meetings held for Information Disclosure and Community Consultation in 2006 and 2010

Sr. No.	Date	Name of Participants	Professions	Topics Discussed
Venue: Village Thori, Muzaffarabad				
1.	02/06/2006	Rifaqat Shah Kazmi S/o Mushtaq Shah Kazmi	Farmer	• Project Benefits in the area • Awareness of the people about the project • Identification of Assets affected • Redress mechanism • Procedure for Land Acquisition • Prevailing prices of land/ trees in the area • Social values of the area • Existing infrastructure in the area • Utility services in the area
		Nazir Awan S/o Mir Zaman	Mason Worker	
		Syed Tahir Shah S/o Syed Maqbool Hussain	Farmer	
		Javaid Awan S/o Bashir Awan	Shopkeeper	
		Mehrbhan Shah S/o Imran Shah	Tailor	
		Nazar Shah S/o Nooran Shah	Driver	
Venue: Village Tarcheela, Muzaffarabad				
2.	03-06-2006	M. Ayub S/o Pir Khan	Farmer	• Project Benefits in the area • Awareness of the people about the project • Identification of Assets
		M. Yousaf S/o Sher Zaman	Medical Store	

Sr. No.	Date	Name of Participants	Professions	Topics Discussed	
		Habibur Rehman S/o Faiz Ali	Shopkeeper	affected - Redress mechanism - Procedure for Land Acquisition - Prevailing prices of land / trees in the area - Social values of the area - Existing infrastructure in the area - Utility services in the area	
		M. Tayyab S/o M. Farid	Farmer		
		Badar Qureshi S/o Malik Amer	Hotel		
		Noor Zaman S/o Sikandar Khan	Ex. Member UC		
		Qadir Ahmad S/o Noor Amer	Farmer		
Venue: Dedal Meera Village, Abbotabad					
3.	04-06-2006	M. Azhar S/o Mir M. Irfan	Farmer	- Project Benefits in the area - Awareness of the people about the project - Identification of Assets affected - Redress mechanism - Procedure for Land Acquisition - Prevailing prices of land / trees in the area - Social values of the area - Existing infrastructure in the area - Utility services in the area	
		Khan Owais S/o Gul Zauai	Farmer		
		M. Hussain S/o Safiullah	Farmer		
		M. Siraj S/o M. Sadiq	Farmer		
		Juma Khan S/o Faqir Mohammad	Farmer		
		Azizur Rehman S/o Sain Mohd	Farmer		
		Ghulam Ali S/o Hassan Ali	Farmer		
Venue: Patrind Village, Muzaffarabad					
4.	05-06-2006	M. Rafique S/o Hassan Ali	Ex. Member UC		- Project Benefits in the area - Awareness of the people about the project - Identification of Assets affected - Redress mechanism - Procedure for Land Acquisition - Prevailing prices of land / trees in the area - Social values of the area - Existing infrastructure in the area - Utility services in the area
		M. Nizahat S/o M. Rafique	Farmer		
		Qaiser Hussan S/o M. Hassan	Farmer		
		M. Saleem S/o Sikandar	Farmer		
		Oarang Zeb S/o Jumma Khan	Farmer		
Venue: Deedal Meera Village, Abbottabad					
1.	31-03-2010	Mr. Muhammad Kabir s/o M. Bashir	Student	Project Benefits in the area	

Sr. No.	Date	Name of Participants	Professions	Topics Discussed
2.		Mr. Muhammad Sabir s/o Abdul rashid	Mason Worker	• Awareness of the people about the project • Identification of Assets affected • Redress mechanism • Procedure for Land Acquisition • Prevailing prices of land/ trees in the area • Social values of the area • Existing infrastructure in the area • Utility services in the area
3.		Hagi Gul Zaman s/o M. Faqeer	Farmer	
4.		Mr.Muhammad Bashir s/o M. Yasin	Mason Worker	
5.		M. Shafi s/o M. Maskeen	Tailor	
6.		M.Khan vaiz s/o M. Gul Zaman	Driver	
7.		M. Nazir s/o Waris Ali	Cook	
8.		M Akseer s/o Waris Ali	Shopkeeper	
9.		M. Suleman s/o Matwali	Farmer	
10.		M. Nazakat s/o Ameer Rehman	Shopkeeper	
11.		M. Pervez s/o M. Maskeen	Farmer	
12.		Rafiat Hussain s/o Amir Khan	Student	
13.		Shah Mohammad s/o Hyder	farmer	
14.		M.Tanveer s/o M. Bashir	Farmer	
Venue: Boi Village, Abbottabad				
1.	31-03-2010	Mr. Fayyaz Ahmed s/o Ali Khan	Shopkeeper	• Project Benefits in the area • Awareness of the people about the project • Identification of Assets affected • Redress mechanism • Procedure for Land Acquisition • Prevailing prices of land / trees in the area • Social values of the area • Existing infrastructure in the area • Utility services in the area
2.		Mr. Barkat Nawaz s/o M. Akber	Medical Store	
3.		M. Shafeer s/o Aziz ur Rehman	Shopkeeper	
4.		Dayar Khan s/o Qutbuddin	Rtd. Lineman WAPDA	
5.		M, Irshad s/o Lal Khan	Hotel	
6.		Khan Awais s/o Gul Zai	Farmer	
7.		Juma Khan s/o Faqir Muhammad	Farmer	
8.		M Siraj s/o M Sadiq	Farmer	
9.		Jamil ur Rehman s/o Khalil ur Rehman	Driver	
Venue: Patrind Village, Muzzaffarabad				
1.	1-04-2010	Mr. Gul Hassan s/o Nadir Ali	Farmer	• Project Benefits in the area • Awareness of the people about the project • Identification of Assets affected
2.		Mr. Abdul Aziz s/o Fateh Ali	Farmer	
3.		Mr. Abdul Rashid s/o Faqir Mohammad	Farmer	

Sr. No.	Date	Name of Participants	Professions	Topics Discussed
4.		Mr. Ali Rehman s/o M. Zaman	Farmer	• Redress mechanism • Procedure for Land Acquisition • Prevailing prices of land / trees in the area • Social values of the area • Existing infrastructure in the area • Utility services in the area
5.		Mr. M Hassan s/o Qalander Khan	Farmer	
6.		Mr. Shabir s/o Ali Zaman	Farmer	
7.		Mr. Pir Khan s/o M. Khan	Farmer	
8.		Mr. Ali Khan s/o M. Khan	Farmer	
9.		M. Abdul Razaq s/o M. Khan	Farmer	
10.		Mr. M. Azeem s/o Khairullah	Farmer	
11.		M. Jan s/o Abdul Ghafoor	Farmer	
12.		Mr.M.Yusuf s/o Zafar Ali	Farmer	
Venue: Tarcheela Village, Muzzaffarabad				
1.	01-04-2010	Noor Zaman s/o Sikander Khan	Ex.Member Union Council	• Project Benefits in the area • Awareness of the people about the project • Identification of Assets affected • Redress mechanism • Procedure for Land Acquisition • Prevailing prices of land / trees in the area • Social values of the area • Existing infrastructure in the area • Utility services in the area
2.		Mr. Muhammad Riaz s/o Gul Zaman	Farmer	
3.		Mr. M. Ghulab s/o Gul Zaman	Farmer	
4.		M. Yousuf s/o Sher Zaman	Farmer	
5.		M. Ayoub s/o Pir Khan	Farmer	
6.		Mr. Ashraf s/o Gohar Rehman	Farmer	
7.		Mr. M Javaid s/o M. Suleman	Farmer	
8.		Mr. M. Zaman s/o Ali Zaman	Farmer	
9.		Mr. Haroon s/o Gohar Zaman	Farmer	
10.		Mr. qadir Ahmed s/o Noor Amer	Farmer	
11.		Mr. Malik Awan s/o Gul Zaman	Farmer	
12.		Hameed s/o Gul Zaman	Farmer	
13.		Mr. Anwar s/o Ali Zaman	Farmer	
Venue: Alora Village, Muzzaffarabad				
1.	02-04-2010	Mr.M. Farooq	Govt. Employee	• Project Benefits in the area • Awareness of the people about the project • Identification of Assets affected • Redress mechanism
2.		Mr.Sadaqat Saleem s/o M. Saleem	Govt. Employee	
3.		Mr. M. Aslam s/o Samandur Khan	Govt. Employee	

Sr. No.	Date	Name of Participants	Professions	Topics Discussed
4.		Mrs. Raisham Jan w/o M Maskin	House Wife	• Procedure for Land Acquisition • Prevailing prices of land / trees in the area • Social values of the area • Existing infrastructure in the area • Utility services in the area
5.		Mr. M. Pervez s/o M. Suleman	Govt. Employee	
6.		Mr. M. Ashraf s/o Ghulam Ali	Buisness	
7.		Mr. M. Akber s/o Mehar Ali	Buisness	
8.		Mr. Abdul Qayyum s/o Mehar Ali	Govt. Employee	
9.		Mr. M. Nawaz s/o Samunder Khan	Govt. Employee	
10.		Mr. Sarfaraz Khan s/o Essa Khan	Revenue clerk	
11.		Mr. M. Maskin s/o Saif Ali	Buisness	
12.		Mr. Tanveer Ahmad s/o Abdul Rashid	Buisness	
13.		Mr, Mahwali s/o Faqir Muhammad	Govt. Employee	

2.1. Outcome of Consultations

During session held for information disclosure and community consultation, the overall response from the project area population was positive. Everyone welcomed the project as being beneficial to the region. Among the major topics which came up for discussion included the following.

- **Community Concerns**

During scoping sessions it has been observed that more than 95% of participants did not express any objections to implementation of the proposed project only a small minority expressed some apprehensions about compensation payment.

- **Land Acquisition**

Generally community apprehensions pertained to the land and houses to be acquired for the project implementation. They expected project authorities to pay them timely compensation on the basis of current market prices.

- **Employment**

The participants emphasized the need to ensure the appointment of locals in all non-technical and support services through a transparent process. They demanded that during operation stage of the project employment should be given to the locals.

- **Project Benefits**

Local community also expressed the opinion that the project should be designed in a manner that all people including the poor should be benefited from the project like availability of electricity, establishment of

schools and health clinics.

- **Traffic Hazards**

The participants of the public consultations expressed concerns over the safety hazards that could result from the increase in the roadside traffic particularly during the construction phase of the project. Traffic will produce heavy noise affecting the environment of the area. Participants emphasized to evolve realistic noise management plans to curtail its impact on rural community. In order to pre-empt roadside accidents of both humans and animals, a traffic alert system like guards and traffic signs should be available before the construction starts.

- **Cooperation of the Project Sponsors**

The participants expressed that the project proponents should maintain and encourage a cooperative attitude towards the community paying due attention to their concerns arising out of project implementation.

2.2. Meetings with Officers of the Government Departments

Offices of the government and NGO's were visited. They were apprised of the project by sharing available information with them. These include Departments of Wildlife, Fisheries, Forest, Health and Agriculture in Muzaffarabad and Abbottabad. Representatives of NGOs like WWF and Sungi were also contacted in these cities. Published information relating to the project area was collected. This included literature on forests, fisheries, wildlife, geology, landforms, landuse, climate, water resources and district census reports. Record of meetings with relevant Government Department Officers is given in Table 2.2.

Table 2.2: Record of Meetings with Relevant Governments Officers

Date	Place	Organisation/ Person Consulted Position	Reason for visit Topics discussed
03-06-06	Muzaffarabad	Wildlife and Fisheries Division Shiekh Altaf Fisheries Development Officer	General situation of wildlife in the project area, minimal ecological flow, Fisheries in the project area
03-06-06	Muzaffarabad	Wildlife and Fisheries Department Syed Rashid Hussain Assistant Director Fisheries	General situation of wildlife in the project area, minimal ecological flow, Fisheries in the project area
04-06-06	Muzaffarabad	Protected Areas Management Project, Machiara National Park Naeem Iftikhar Dar Project Manager	Protected areas, Wildlife in Project Area, Wildlife protection measures
05-06-06	Abbottabad	Hazara Wildlife Division M. Hussain Khan District Forest Officer M. Abdullah Range Forest Officer	Wildlife in Project Area Wildlife protection measures Forest types / trees
05-06-06	Abbottabad	Hazara Forest Division Rustam Khan District Forest Officer	Forest types / trees Location of forests / pastures Sustainable use of forests by

Date	Place	Organisation/ Person Consulted Position	Reason for visit Topics discussed
			community
06-06-06	Muzaffarabad	Local Govt. and Rural Development Department Babar Minhas Assistant Director Environment	Environmental issues, Guidelines etc.
06-06-06 & 02-03-10	Muzaffarabad	P&D Building Secretariat Bashir Qureshi Director General Dr. Syed Asif Shah Secretary P&D and Environment	Legal Framework of AJK Guidelines of AJK
02-03-10 &	Muzaffarabad	Revenue Department Nisar Shah & Gulbaz Revenue Clerk	Role of District Revenue Officer in land acquisition and payment of compensation Redress procedures
03-03-10	Abbottabad	NGO- SUNGI M. Arshad, Mrs. Tahira Awan Community Facilitator	Community awareness about development projects Possible role of SUNGI in Patrind HPP
16-09-10	Muzaffarabad	M. Asad Divisional Forest Officer	Forest types / trees Location of forests / pastures Sustainable use of forests by community
16-09-10	Muzaffarabad	Syed Mufassar Gillani Subject Matter specialist, Forest	Forest types / trees Location of forests / pastures Sustainable use of forests by community
16-09-10	Muzaffarabad	Mir Abdul Rehman Forster	Forest types / trees

3. EIA PUBLIC HEARING

3.1. Public Hearing in Muzaffarabad - AJK

A public hearing meeting was held on August 05, 2010 in Muzaffarabad, AJK under the requirement of EPA – AJK. The meeting was attended by about 150 participants including legislator of AJK Assembly, Senior Govt. Officers, Union Council Nazims, NGOs and Civil Society Members as well as project affectees. List of participants is appended as Annexure-3. Photographs of the public hearing are placed at the end of this report.

Minutes of the Public Hearing at Muzaffarabad

Main points/minutes of the Public Hearing held at Sangam Hotel Muzaffarabad Azad Jammu & Kashmir:

Date of Hearing: 5th August 2010
Time of Hearing: 1000hrs – 1330hrs
AJ&K Representation:
 Mr. Bashir Khan (Director EPA)
 Mr. Samiullah (Secretary P&D)

Mr. Shafiq Abbasi (Assistant Director EPA)
Mr. Farooq Hyder Khan
Mr. Muhammad Haneef (Member Assembly)

SHPL Representation:

Mr. Farrukh Javed (CEO)
Mr. No Hyuk Park (GM Civil)
Mr. Ali Shan (GM Admin & HR)
Mr. Ahmed Mufeez Sadiq (Commercial Manager)
Mr. Atif Ali Shah (Manager Civil)

PES Representation:

Dr. Nawaz Tariq (Environmental Expert)
Mr. Naeem Akhtar (Environmentalist)

Minutes of the Meeting:

1. The meeting started with recitation of Holy Quran.
2. Mr. Shafiq Abbasi started the proceeding with a welcome note and explained the audience regarding the legal requirements of the public hearing under the relevant sections of environmental law.
3. Mr. Abbasi briefed the participants about the basic features of Patrind Hydropower Project.
4. Mr. Abbasi invited CEO to present the project features, benefits and impacts before the audience.

CEO briefed in detail all the aspects of the project from development to operation phase. The presentation and brief of the project were prepared in local language (Urdu) for better understanding of all the stakeholders. In the presentation CEO addressed the issues raised by the locals after the publication of the advertisement in the newspapers.

a) Protection of the Graveyard

CEO told the participants that this is our cultural and religious issue and the company will take all necessary actions to protect the sensitive areas.

b) Free Electricity

CEO told the audience that the power distribution is responsibility of Power Purchaser (NTDC) and our generation despatch is on 132 KV line, so this is not possible for the company.

c) Development of roads, schools, colleges and hospitals for the locals

CEO told that under the social uplift plan the company is planning to establish a medical clinic for the locals in the project area under the KOICA project. In addition the company is willing to facilitate the Govt. of AJ&K in capacity building of the locals. Roads which fall in the project area and used by the company will definitely be improved.

5. After the completion of detailed briefing by CEO Mr. Abbasi invited the participants for their questions/reservations/suggestions.

During the Q&A session following issues were raised:

- i. Mr Iftikhar Awan a local resident asked that in Muzaffarabad there is only one children park for the local community at Lower Chattar. The project company is planning to take over the Park during construction what will happen to it after wards any plans of its development?
CEO of SHPL detailed that after end of construction phase a state of the art park like Japanese Park in Islamabad will be developed for children with much better facilities than the existing one and the people of Muzaffarabad will definitely feel proud.
- ii. Mr Farid enquired that the spring flows would be affected by the construction of the Tunnel in Patrind and also for the flows on the downstream of the weir in winter season.
CEO replied that the tunnel is concrete and steel lined so there will be no chance that the water from the springs can enter in to the system only water can enter the tunnel will be from the intake. In this regard people need not to worry for the flow of spring water. On the other issue of downstream flow CEO again informed that 2 cumecs of the flow will be discharged throughout the year and on the downstream there is no consumptive use by the locals.
- iii. Mr Noor Zaman a resident of Tarcheela told the audience that the company is working in the area from last 5 years and we are facilitating them and will facilitate them in future as well. Furthermore, he demanded that:
 - a) Permanent employment should be given to the affectees
CEO replied that suitable/capable locals will be given preference in the employment.
 - b) The compensation package should be equivalent to the rates as in Muzaffarabad city.
CEO told that the compensation package will be prepared in consultation with the Revenue Department of Muzaffarabad and the affectees.
 - c) Proper arrangement should be there for the privacy of the residents specially the women in the area.
CEO told that this issue will be given high importance.
 - d) Proper water supply scheme should be developed for the use of the residents and the company staff.
CEO told Mr. Zaman that during his last visit to the site he has already satisfied the locals that proper arrangement will be made for this issue.
 - e) Disturbance for the locals during the construction regarding the Noise and Dust.
CEO replied that now a days the technology has developed significantly and the procedures are done in such a way to minimize the noise and dust issues, but the contractor has also promised and will ensure the control on the above said issues.

- iv. In addition to above he enquired about the height of the weir that if the weir height is 42 meters from the normal water level then the villages will be submerged.

CEO replied that the weir height is 42 meters from the foundation of the weir to the level of the bridge, in actual it will be about 26 meters high as in feasibility study and not a single house will be submerged/affected due to the storage.

- v. A professor from the Zoology Department of University of AJ&K asked about the mitigation measures regarding the birds and aquatic life. He further enquired about the disposal of the excavated material.

Dr. Nawaz Tariq explained that there are no such species in the project area, this issue has already been mentioned in the EIA in very much detail and the same question was also answered during the presentation to EPA AJ&K. He further explained that the disposal sites have already been identified in the EIA report.

CEO added that together with the proposed disposal sites in EIA Report, the company in consultation with the EPA will decide the sites for the disposal of the material.

- vi. Mr. Saleem, resident of Tarcheela asked that the compensation package should be reasonable and water supply scheme should be developed for the locals.

In addition to above he demanded that if the area to be acquired separates the land in two or three portions and the company is planning to acquire only the central part then what will happen with the remaining area because it will be of no use or very difficult to manage, so the company should acquire whole of the land of that owner.

CEO replies that the process of land acquisition will definitely address this issue.

- vii. Mr. Sarfaraz Khan, resident of village ALDA handed over his demands in writing. (Letter attached). In addition he suggested that the bridge across River Jhelum may be shifted downstream.

CEO replied that he will visit the site and look in to the matter but he also mentioned that changing the location or the design is the responsibility of the EPC Contractor and it may be difficult to change the location at this stage.

In addition to all the queries CEO added that by constructing the bridge across the Jhelum river and on the weir side on Kunhar river will definitely enhance the accessibility of the locals and will boost the real estate as well.

After the Q&A session the AJ&K participants addressed the audience and requested that this project is of national importance so the people of Muzaffarabad should facilitate the company in all the manners as the people of AJ&K always do.

Furthermore, the officials also told the locals that Govt. of AJ&K will protect the rights of the affectees. According to the laws, the No Objection Certificate (NOC) will have the conditions for the project company to fulfill all the requirements under the Environmental Law and commitments made by the company, if the company fails to fulfill the requirements the NOC can be withdrawn at any time.

In the end Director EPA on behalf of Govt. of AJ&K appreciated the efforts of the project company for investing in AJ&K and its seriousness for the implementation of Patrind Hydropower Project.

He addressed the audience and motivated them that this project is very important for the country in this period of electricity shortage and is one of the best environmentally viable project.

Lastly he thanked CEO SHPL, his team and especially Korean friends for coming all the way to Muzaffarabad for this occasion.

4. CLEAN DEVELOPMENT MECHANISM (CDM) PUBLIC MEETING

4.1. CDM Stakeholders Meeting Muzaffarabad

A public meeting was held on September 27, 2010 in Muzaffarabad to discuss the CDM issues with the stakeholders. The meeting was attended by the local people and EPA Officials. List of participants and photographs of the meeting are attached at the end of the report.

Minutes of the Stakeholder Meeting for CDM at Muzaffarabad

The following are the main points/minutes of the stakeholders meeting held at Sangam Hotel Muzaffarabad Azad Jammu & Kashmir:

Date of Hearing: 27th September 2010

Time of Hearing: 1000hrs – 1500hrs

AJ&K Representation:

Mr. Mohammad Ahsan (Director EPA)

Mr. Shafiq Abbasi (Assistant Director EPA)

Mr. Arshad Iqbal (Assistant Director EPA)

Mr. Javed Ayub (Director Wildlife and Fishries)

Hagler Bailly Pakistan Representation:

Mr. Manzar Naeem Qureshi (Manager Energy Programmes)

SHPL Representation:

Mr. Won-Cheol Park (DCEO)

Mr. Ali Shan (GM Admin & HR)

Mr. Sohail Alam (Finance Manager)

Mr. Atif Ali Shah (Manager Civil)

Mr. Abdul Wahab (Accounts Executive)

Minutes of the Meeting:

1. The meeting started with recitation of Holy Quran.
2. Mr. Ali Shan started the proceeding with a welcome note and thanked the guests for attending the meeting.

Presentation on Project Overview by SHPL

3. Mr. Ali Shan made a presentation on overview of Patrind Project, its sponsors and the EPC Contractor. He briefed the participants about the basic features of Patrind Hydropower Project.
4. He also stressed that although this is a hydropower project but it is quite different from the other hydropower projects under operation in Pakistan like Terbela and Mangla. He informed that both these projects are storage type projects while Patrind hydropower Project is a run-of-river project and not much area will be submerged because of the storage behind the weir.
5. Mr. Ali Shan also explained the purpose of the meeting to the participants by differentiating the stakeholder meeting for CDM from the Public hearing of EIA which was held on 5th August 2010.
6. He informed the participants that the bridge across the Jhelum river shall be permanent and will be utilized by the company and the locals as well which will be a highly beneficial for the local residents of village ALDA. He shared that by constructing the bridge the life of the locals will be changed because of the fact that there will be a major development in this area and the village will become a part of the city Muzaffarabad.
7. SHPL also showed its commitment towards environmental compliance and stressed upon the importance of the trees and other environmental and social aspects. Mr. Ali Shan explained the participants that the number of trees given in the presentation and in the EIA can be changed after the detail survey from the forest department and all of them will not be cut down, only few will be removed because of construction of roads. The trees will also be planted during the annual tree plantation campaign arranged by the provincial governments annually.
8. SHPL ensured that graveyards, mosques and schools shall be protected as also been committed in the public hearing, in relation to this matter a survey was also conducted by the consultants (PES) in presence of the local residents and was confirmed that no cultural heritage is being damaged by the head pond.

Presentation on CDM by HB

After completion of the presentation by Mr. Ali Shan he invited Mr. Manzar Naeem Qureshi for the presentation on CDM.

9. Mr. Manzar introduced himself and thanked the public for showing up in the consultative stakeholder meeting.
10. Mr. Manzar again clarified the confusion between Public Hearing and CDM Stakeholder meeting. He explained that it is a mandatory requirement of UN for explaining and sharing the benefits of CDM with the Stakeholders.
11. Mr. Manzar started the presentation by explaining green house gases effects in a very simple manner to the general public, he further elaborated impacts of green house gases on the Ozone layer.
12. He also explained the negative effects of CO₂ and other gases due to increased industrialization and related commercial activities. He further added that due to above reasons global warming, change in weather, rise in sea level and health hazards are on rise.
13. He also introduced the role of UNFCCC and history of Kyoto Protocol with

- respect to clean development mechanism.
14. He informed the audience that Pakistan ratified the Kyoto Protocol on January 11, 2005.
 15. Mr. Manzar explained about the CERs which is a measuring unit for emission reduction. He stressed upon the fact that the CERs should get the real and measurable benefits to the community where project has to be developed.
 16. In addition he told that whole CDM process has to be verified by a third party for Kyoto Protocol compliance.
 17. He shared the reasons behind the preference of thermal over hydel projects in Pakistan due to less upfront cost in developing such projects.
 18. He informed that according to the CDM criteria the projects are classified as regular size projects such as Patrind and small size projects which are less than 15 MW in capacity.

Question and Answer session

After the completion of presentation Mr. Manzar invited the audience for the comments, questions and suggestions.

- i. Director EPA-AJK specifically asked about the difference between CDM and International Emission Trading
Mr. Manzar explained that International Emission Trading can be conducted independently by two companies anywhere in the world while in case of CDM there is a standardize mechanism needs to be followed according to the standards of UNFCCC.
- ii. Mr. Javaid from Wildlife and Fisheries Department asked the question that what is more favorable among thermal, hydel and nuclear from CERs point of view.
Mr. Manzar replied only hydel, nuclear and wind power projects come under CDM regime, while fuel/thermal based projects can only be considered if they become efficient and result in emission reduction.
- iii. Mr. Shafiq Abbasi from EPA AJK put an important question with relation to Additionality concept in CDM.
Mr. Qureshi in very detail and comprehensive manner elaborated the concept of Additionality to the audience. He argued that non conventional projects to be considered for CDM. He also gave an example of Nepal where these kind of run-of-the-river projects are very common and therefore could not be considered Additional by CDM Executive Board. Conversely in Pakistan such projects are still not common and therefore stand as strong candidates to enjoy benefits of CDM.
- iv. Director EPA Mr. Ahsan asked question that as too many hurdles and requirements are in place in CDM projects implementation. Why don't we go for other projects like coal projects which is in available in abundance in Pakistan.
Mr. Manzar replied that only non typical projects such as run-of-the-river are not common in Pakistan therefore such barriers in implementing these projects would not be much difficult as in other countries.
- v. Mr. Shafiq Abbasi from EPA AJK put a question if project is being financed by strong sponsors and world renowned lenders then why CDM revenues are needed?
Mr. Qureshi explained that lenders make sure CDM is being followed by

- project developers. He further clarified if two projects are under consideration they have to opt for that which follows CDM.
- vi. Mr. Abbasi asked whether the CDM revenues will be the part of debt amount coming from lenders or not.
Mr. Manzar told that these revenues are over and above from the project financing amount.
 - vii. Director EPA Mr. Ehsan asked about the beneficiary of the CDM revenues. Mr. Qureshi elaborated that according to the CDM criteria the revenues will be shared with the project proponent. Indirect way it will help the country in shape of foreign exchequer. He further added that according to the Pakistan prevailing Power Policy these revenues will be shared between the project proponents and the power purchaser.
 - viii. Director EPA asked about the duration of CERs revenue?
Mr. Manzar explained there are two options available. First is one time commitment period of 10 years while the other option is 7 years term recurring 3 times.
 - ix. Director EPA Mr. Ahsan asked will the project require NOC from EPA for CDM.
Mr. Qureshi replied that NOC from both the EPAs (AJK and KP) is a pre-requisite for CDM.
 - x. Mr. Javaid Ayub from Forest Department pointed out that no poverty alleviation plan mentioned in EIA which requires company's consideration. In addition he also pointed out that no baseline survey on fisheries has been conducted and the sponsor should conduct this survey on fisheries.
Mr. Ali Shan replied that community development plan is under consideration and will be finalized with the help of government authorities.
On the question of baseline data on fisheries Mr. Atif informed that the baseline survey of fisheries is being conducted by the consultants (PES) and will be completed by the end of next month so will be available if and when required.
 - xi. Noorzaman Qureshi resident of village Tarchela told that only verbal commitments have been made by the company which we expect to be honored. Also a public park on Tarchela side is demanded for entertainment of the locals. He further demanded that technical college should be established by the company.
Mr. Ali Shan answered that these issues will be discussed with the higher management.
 - xii. Mohammad Shabir from Patrind village raised the question that the name of project in Urdu should be written correctly. He asked about the construction start and end date.
Mr. Ali Shan told that the construction is going to start in next month. While total construction time is 48 months from the Financial Close date. In the end Director EPA on behalf of Govt. of AJ&K appreciated the efforts of the project company for investing in AJ&K and its seriousness for the implementation of Patrind Hydropower Project. He further thanked Mr. Qureshi for sharing knowledge on CDM in a very comprehensive and simplistic manner.
He addressed the audience and motivated them that this project is very

important for the country in this period of electricity shortage and is one of the best environmentally viable project. He in addition informed the locals that the NOC which has been issued to the company is only for environmental compliance which does not cover the land purchase issues. This matter will be addressed by the Revenue Department of Muzaffarabad.

Lastly Mr. Ali Shan thanked all the participants for attending the meeting.

Table 4.1: List of Participants for CDM Stakeholders Meeting held on September 27, 2010 in AJK

Sr. No.	Name	Address	Telephone Number
1	Muhammad Shafique Abbasi (AD AJK-EPA)	AJK-EPA, P&D Kashmir Plan House Muzaffarabad.	05828-921541 0321-9809867
2	Javed Ayub (Director Wildlife & Fisheries)	Block F, Room No. 1, Ground Floor New Distt. Complex Muzaffarabad. AJK.	0300-5262014
3	Arshad Iqbal (Assistant Director AJK)	AJK-EPA Muzaffarabad.	0300-5109604
4	Tanveer Ahmed	Village Allrah, Muzaffarabad.	0333-7976414
5	Ahmed Hussain Shah		
6	Sarfaraz Abbassi	Bamaqam Alrah	0322-9301630 0344-5946978
7	Muhammad Aslam	Bamaqam Alrah	05822-448170
8	Noor Zaman Qureshi	Tarcheela	0344-5525792
9	Riazat Khan	Tarcheela	0344-8381139 0334-5588232
10	Haider Zaman	Tarcheela	0334-5701473
11	Mir Shabbir Qureshi (Secretary General, Bright Future Society)	Patrind	
12	Ahsan Qureshi	Tarcheela	0345-9636896
13	Ali Rehman	Tarcheela	0334-9866704
14	Muhammad Shabbir (President, Bright Future Society.)	Patrind	0322-2103482
15	Rashid	Muzaffarabad	0346-5124215
16	Abdul Rauf	Tarcheela	0344-5954072
17	Abid Ali	Tarcheela	0355-8109011
18	Zaheer Abbas	Alrah	
19	Muhammad Murad Hussain	Tarcheela, Patrind	0333-6402895
20	Muhammad Ramzan Qureshi	Tarcheela, Patrind	0332-8972983
21	Muhammad Naseem Qureshi	Tarcheela, Patrind	0334-8353113
22	Habib-ur-Rehman	Tarcheela	0334-9556375

Sr. No.	Name	Address	Telephone Number
23	Zaheer Qureshi	Sund Gali, Dobail	0346-5394741
24	Ishaq Chaudhry	Garhi Dupatta	0346-9694948
25	Gul Khatab	Garhi Dupatta, Noor Garan	0344-9555878
26	Noor Ahmed Meer	Amboor Camp	0301-5330295
27	Muhammad Abbas Abbasi	Alrah	0301-5722910
28	Shakeel Azam	Sund Gali	0346-5150124
29	Muhammad Parvez	Village Soran	0334-8397797
30	Muhammad Munsif	Soran	
31	Raja Naseem	Chattar	0333-5442419
32	Kala Khan	Hassan Abad	0312-9064640
33	Muhammad Parvez	Alrah	0300-9768082
34	Faisal Ashraf	Alrah	0345-5354699
35	Sohail Ahmed	Alrah	0308-8795816
36	Muhammad Asghar	Sund Gali	0334-5718960
37	Muhammad Adeel	Tarcheela	
38	Muhammad Asim	Tarcheela	0312-5421433
39	Saien Muhammad Qureshi	Tarcheela	82203-31206844
40	Rizwan Qureshi	Tarcheela	0334-9674835
41	Abid Qureshi	Sund Gali	0301-5858079
42	Javed Qureshi	Alrah	0334-5723151
43	Akhtar Haider Qureshi	Alrah	0346-9654421
44	Muhammad Riaz Qurehsi	Tarcheela, Patrind	0302-5016580
45	Abdul Haseeb Ahsan	Tarcheela, Patrind	0301-5633963
46	Gulrez Qureshi		0345-3681732 0345-9570668
47	Muhammad Azam		
48	Qadeer Ahmed	Tarcheela, Patrind	0312-2553857
49	Tariq	Tarcheela	0312-9293360
50	Muhammad Tayyab Qureshi	Tarcheela	0312-9010709
51	Muhammad Javed	Tarcheela	
52	Aurangzeb	Hassanabad, Alrah	
53	Nisar Ahmed S/o Muhammad Ashraf	Alrah	
54	Waqar Ahmed S/o Muhammad Ashraf	Alrah	
55	Muhammad Aslam	Dhani	

Sr. No.	Name	Address	Telephone Number
56	Muhammad Arif Abbas	Dhani	0346-9657036
57	Naseer Ahmed	Dhani	0332-5128399
58	Raja Muhammad Jeved Iqbal Khan	Nala Sahai	0300-2094393
59	Abid Nazir Kiani	Naran Sharif	0345-5299576
60	Zahid Aziz	Wadi Liah	0346-8119044
61	Rashid Qureshi	Alrah	0334-5702063
62	Tanveer Abbasi	Alrah	0331-8184505
63	Muhammad Aslam Abbasi	Alrah	0301-5620144
64	Syed Husnain Bukhari	AJK University	0346-5329196
65	Muhammad Saeed	Soran	0331-9285730
66	Mazhar Qureshi	Tarcheela	0345-9616015
67	Irfan Ahmed	Tarcheela	0345-6091257

4.2. CDM Stakeholders Meeting at Barbein - KP

A public meeting was held on September 28, 2010 at Barbein village in District Abbottabad, Khyber Pakhtunkhwa to discuss the CDM issues with the stakeholders. The meeting was attended by the local people and EPA Officials. List of participants and photographs of the meeting are attached at the end of the report

Date of Hearing: 28th September 2010

Time of Hearing: 1000hrs – 1500hrs

KP Representation:

Mr. Noman Rasheed (Assistant Director, EPA - KP)

Mr. Naveed Anjum (Monitoring Inspector, EPA – KP)

Mr. Abrar Ahmed (Monitoring Inspector, EPA – KP)

Hagler Bailly Pakistan Representation:

Mr. Manzar Naeem Qureshi (Manager Energy Programmes)

SHPL Representation:

Mr. Ali Shan (GM Admin & HR)

Mr. Sohail Alam (Finance Manager)

Mr. Atif Ali Shah (Manager Civil)

Mr. Abdul Wahab (Accounts Executive)

Minutes of the Meeting:

The following are the main points/minutes of the stakeholders meeting for CDM held at Barbein village, Iqra Model High School, Boi Road, Gari Habibullah, Khyber Pakhtunkhwa:

1. The meeting started with recitation of Holy Quran.
2. Mr. Ali Shan started the proceeding with a welcome note and thanked the guests for attending the meeting.

Presentation on Project Overview by SHPL

3. Mr. Ali Shan made a presentation on overview of Patrind Project, its sponsors and the EPC Contractor. He briefed the participants about the basic features of Patrind Hydropower Project.
4. He also stressed that although this is a hydropower project but it is quite different from the other hydropower projects under operation in Pakistan like Terbela and Mangla. He informed that both these projects are storage type projects while Patrind hydropower Project is a run-of-river project and not much area will be submerged because of the storage behind the weir.
5. Mr. Ali Shan also explained the purpose of the meeting to the participants by differentiating the stakeholder meeting for CDM from the Public hearing of EIA which was held on 5th August 2010.
6. He informed the participants that the bridge across the Jhelum river shall be permanent and will be utilized by the company and the locals as well which will be a highly beneficial for the local residents of village ALDA. He shared that by constructing the bridge the life of the locals will be changed because of the fact that there will be a major development in this area and the village will become a part of the city Muzaffarabad.
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respect to clean development mechanism.

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15. Mr. Manzar explained about the CERs which is a measuring unit for emission reduction. He stressed upon the fact that the CERs should get the real and measurable benefits to the community where project has to be developed.
16. In addition he told that whole CDM process has to be verified by a third party for Kyoto Protocol compliance.
17. He shared the reasons behind the preference of thermal over hydel projects in Pakistan due to less upfront cost in developing such projects.
18. He informed that according to the CDM criteria the projects are classified as regular size projects such as Patrind and small size projects which are less than 15 MW in capacity.

Question and Answer session

After the completion of presentation, Mr. Ali Shan from SHPL and Mr. Manzar invited the audience for the comments, questions and suggestions.

- i. Mr. Mohammad Iqbal, a resident from Deedal Meera complained that the meeting should have been conducted in Deedal village as it is closer to weir site and the number of affectees is more than in Barbein village.
- ii. He also pointed out that villagers from Deedal want to know exact number of affectees and what plan is in place for managing affectees by SHPL.
- iii. The last point by Mr. Iqbal was that the Project Company should take in to confidence the residents of nearby villagers as not much plan and details of the construction have been shared by the Company.
Mr. Ali Shan explained that first he looked for such place in Deedal village but due to lack of availability of plain land and corn crop was not harvested, no such place was available. Also Barbein village is not too far from Weir site either as not more than 500 meters away from Deedal village. He also satisfied the public that Company will send technical advisor's personnel in order to share the exact details and they will elaborate all technical details including rise of water after Weir construction etc.
- iv. A question in relation to amount of water available after construction of Weir was asked by a participant.
Mr. Ali Shan responded that a minimum of 70.6 cusec amount of water shall be available even in low flow season which is considered adequate for usage by the locals.
- v. Another question raised from the Participant was about the scenario that as the current capacity of the Project is 150 MW but what if later on increased by the Project Company and rise in level of water by such expansion?
Mr. Ali explained that the project feasibility has long been conducted and approved by the Government. As per feasibility study the maximum generation capability is 150 MW so no increase later on can be envisaged and therefore the future expansion is not a practical imagination.
- vi. Mr. Ali ur Rehman from Deedal Meera asked that villagers want to get exact details of how many number of affectees, exact location of

submerging areas and part of road shall go under water by constructing the Weir.

The Company informed that as per presentation earlier given to public, only one house will be needed to relocate while no other major structures will be submerged by rise of water. However a survey by our technical advisor is under progress which shall exactly locate the level of water rise and such point will be physically highlighted by various highlighters and colors etc.

- vii. Where the colony and compound for construction staff and personnel would be built?

Mr. Ali Shan told the audience that all staff colonies including staff from Pakistan and Korea shall be built in AJ&K part and therefore people on KP side need not to worry about privacy aspects.

- viii. Mr. Mohammad Siddiq from Deedal Meera also reiterated about taking in to confidence people of the village as lots of insecurities are present amongst them. He asked that whether the Patrind Project is joint ownership of Pakistan and AJ&K?

Mr. Ali Shan explained the sharing of Water Use Charge and also elaborated the Concessionary framework to general public.

- ix. Villagers from Deedal Meera also demanded similar meeting to be held in Deedal Meera. They also demanded that in next meeting, they should be informed about construction details and schedule in addition to exact number of affectees and areas.

- x. A villager, Mr. Malik Iman raised the concern that the proposed location of crushing plant is in populated area and it should be relocated somewhere else.

Mr. Ali Shan explained that the area designated for crushing is not located in populated area so people may need not to worry and should not feel endangered by crushing activity since selection of location has been made after due consideration.

Table 4.2: List of Participants for CDM Stakeholders Meeting held on September 28, 2010 in KP.

Sr. No.	Name	Address	Telephone Number
1	Hafiz Adil Ali (Imam Mosque)	Distt. Tehsil Abbotabbad Village	03038659949
2	Obaid Abdul Latif Awan Dedal Nakka	Barbein	03229290933
3	Khani Roman Awan	Dedal Nakka	03329207547
4	Abdul Majeed	Barbein	
5	Abdul Latif Chairman Iqra Model School	Barbein	03225768528
6	Muhammad Mubarak Abbasi	Dalola	03345626447
7	Khalid Irfan	Deedal	03339984419
8	Umar Zaheer	Barbein	03455510048
9	Muhamad Jamil	Barbein	03035711810
10	Mohsin Latif	Barbein	03135954856

Sr. No.	Name	Address	Telephone Number
11	Abdul Waheed	Deedal	03349271920
12	Muhammad Sajid	Dandi Deel	03344539677
13	Muhammad Yasir	Deedi Sayyal	03325710327
14	Muhammad Danish	Deedi Sayyal	03348965864
15	Muhammad Ijaz Khan	Barbein	03229413101
16	Shanid Khan	Barbein	03225768671
17	Syed Gillani	Dhani	03459628330
18	Alam Zaib Abbadi General Corner Boi	Barbein	03035302375
19	Jamil Ahmad Sir Syed MPS Barbian	Barbein	03229407801
20	Waheed Qureshi	Barbein	03225218238
21	Mir Sarfraz	Deedal	
22	Faxal-ul-Rahman	Meera	03005643942
23	Fiaz Muhammad	Mansehra	
24	M. Ahsan (Director AJK EPA)		
25	Jhangir Khan	Sayyan Di Bandi	03449552453
26	Saeed Ahmad Qureshi	Barbein	03229291299
27	Muhammad Ashraf Abbasi	Barbein	03009799987
28	Muhammad Iqbal Qureshi	Barbein	03015385762
29	Muhammad Adil	Dedal Meera	03219687989
30	Haider Zaman	Tarcheel	03345588232
31	Muhammad Javed	Barbein	0322990876
32	Haji Khalil-ur-Rahman	Malik Aaman	
33	Baji Gull	Sayyan Di Bandi	
34		Barbein	
35	Khurram Iqbal	Barbein	03229301991
36	Syed Munir Hussain Shah	Motor Tanki	03025440630
37	Muhammad Arshaf Awan	Khas Deedal Kamal Garan	03319104670
38	Muhammad Fiaz Abbadi	Dalola	03319109040
39	Abdul Qayyum	Bandi Samandar	032298
40	Muhammad Rafiq	Bandi Samandar	03135914603
41	Ali Khan	Barbein	03229295687
42	Ghulam Sarwar	Barbein	03229304618
43	Muhammad Suleman	Barbein	13101-0965912-1
44	Haji Malik Aman	Village Tettri	0992-845102
45	Mir Qad Zaman	Cholpeed	03235374441

Sr. No.	Name	Address	Telephone Number
46	Muhammad Yousaf	Deedal Susrati	03349128122
47			03345525792
48	Muhammad Salim	Barbein	03229306223
49	Ali Awan	Rahmanabad (Reedal)	03005612367
50	Nauman rasheed	Asstt. Director	03339256038
51	Naveed Anjum	Monitoring Officer (PAF)	03335057619
52	Abrar Ahmad	Monitoring Officer (PAF) Regional Office Abbottabad	03348960816
53	Syed Riaz Ahmad	Zameendari	
54	Nauman Khan	Regional Officer Wild Life Kaghaan	03469276367, 03459623569
55	Muhammad Amjad	SDPO Wild Life Mardan C/o Chief Coordinator M/L K.Pur	03439464007
56	Ehsan Hameed	Village Rabbani	03215274090
57	Aamir Naeem	Barbein	03469700203
58	Akhlaq Abbas	Barbein	03328450009
59	Muhammad Siddique	Sarai	
60	Muhammad Shahbaz	Sarai	
61	Muhammad Naseem	Village Dhanni	
62	Muhammad Salim	Village Sareeq	
63	Muhammad Rashid	Village Sarai	
64	Muhammad Bashir	Village Deedal	
65	Jamil	Barbein	
66	Yasin Irm Muhammad Saeed	Dhani	
67	Muhammad Arshad	Village Deedal	
68	Haji Ghulam Bari	Village Deedal	
69	Amanat Hussain	Village Deedal Geera	
70	Muhammad Saeed Awan	Village Deedal	
71	Muhammad Bashir	Village Deedal	
72	Khan Weez	Village Deedal	
73	Anwar Khan	Village Deedal	
74	Abdur Rasheed	Abdur Rasheed	
75	Muhammad Arif	Abdur Rasheed	
76	Muhammad Atique		
77	Khabir Ahmad	Village	
78	Muhammad Saddique Deedal	Village Deedal	

Sr. No.	Name	Address	Telephone Number
79	Zubair Shabbir	Deedal	03325090801
80	Naseer	Deedal Nady	03124344652
81	Taufeeq	Dalola	
82	Muhammad Junaid	Meera	03343435548, 03336915512
83	Abdul Qadeer Abbas	Dalola Mohallah Faridabad	03328904202
84	Wajid Hussain	Deedli Thelee	03328974320
85	Muhammad Iqbal	Barbein	03015385762
86	Muhammad Sadiq	Deedal	03229233791, 03239829451
87	Muhammad Adil	Barbein	03055113179
88	Ammad Ali	Barbein	
89	Muhammad Naseem	Narjhela Tareend	03348353113
90	Asad	Narjhela Tareend	0333640
91	Ishtiaq	Narjhela Tareend	03229407810
92	Ashfaq Abbasi	Barbein	03465488278
93	Habib Gillani	Dhani	
94	Madar Khan Shah	Tangi	03055787647
95	Abdul Aqeeb	Zeeda	03329207547
96	Ali Maroon	Pal	03216260907
97	Muhammad Azeem Khan	Deedal	03335338311
98	Aurangzeb	Sarai Deedal	
99	Abdur Rahman	Sarai	
100	Muhammad Azeem S/o Ali Khan	Deedal	
101	Muhammad Saeed	Deedal	
102	Mir Adil S/o Bashir	Deedal	
103	Amaad S/o Alimarda	Sarai	
104	Faizan S/o Shabir	Sarai	
105	Muhammad Shafi Sadiq S/o Muhammad Miskeen	Motri Gagan	
106	Muhammad Zaman S/o Gul Zaman	Bandi Kassi	
107	Muhammad Tanveer S/o Bashir Ahmad	Mohri	
108	Abdul Qayyum Wazir Gull Zaman	Deedal Meera	03229421205
109	Satha Ali Khan	Deedal Nakar	
110	Muhammad Sharif	Deedal Maks	
111	Muhammad Suleman	Deedal Meera	
112	Muhammad Majeed	Deedal Meera	03335052939

Sr. No.	Name	Address	Telephone Number
113	Muhammad Azeem	Deedal Naroka	
114	Abdur Razzaq	Sarai	
115	Muhammad Sajjad	Sonetti	

5. PUBLIC CONSULTATION AND DISCLOSURE PLAN DURING CONSTRUCTION AND OPERATION PHASE

5.1.Information Disclosure

In promoting transparency and accountability, the Company will continue to provide relevant information to the stakeholders in a timely manner in a form and language that are understandable and accessible to them. At the same time, the Company will continue the regular consultation process.

To date, Company has disclosed the following EIA report and related documents to Environmental Protection Agencies of AJ&K and Khyber Pakhtunkhwa. EIA report has also been disclosed at the ADB's website. The local community have also been provided with the EIA report and project information at different stages of the consultation, including public hearings for EIA approval in AJ&K and stakeholders meetings for CDM in both AJ&K and Khyber Pakhtunkhwa.

Overall, the consultation activities and disclosure plan is designed so as to maximize community awareness of the project and to create reasonable opportunities for community input and involvement. The indications from the public meetings are that the community now has a high level of awareness about the project and actively participates in the consultative process.

5.2.Company's Disclosure Policy

Going forward, the Company has formulated the Disclosure Policy, which will guide the future information sharing and consultation process. The Disclosure Policy includes General Principles and Specific Provisions. Essentially General principles form the basis for Specific Provisions.

General Principles

The fundamental principle of the Disclosure Policy will be to disclose relevant and necessary information to relevant stakeholders in a timely manner and in a form and language that is understandable. In order to convert this fundamental principle into a framework, the following general principles will provide guiding path.

Physical Accessibility

The information will be made available in locations that are easily accessible to stakeholders. Depending upon the capacity of a stakeholder and nature of the information to be disseminated, such locations can be local villages/towns/cities, project site office, Company offices, government department or local government setup. However, where a stakeholder's ability to transcend physical proximity is possible through the use of electronic media, such physical proximity may not be required.

Disclosure Media

The information can be disclosed in various forms and ways. The choice of the media will be made keeping in view the urgency of disclosure, nature of disclosure and the type of information.

Form of Communication

Information can be disclosed in various forms such as fliers, leaflets, letters, books, media releases, electronic mail, telephonic calls, facsimile messages and public address systems etc. The form of communication will be decided keeping in view the urgency of the disclosure, requirements of the law, the ability of the recipient and the nature of information.

Personal Contact

Personal contact with the stakeholders creates a direct interaction. Such contact also provides the stakeholders an opportunity to hear from the Company directly and get clarifications/explanations immediately. The Company can also hear stakeholders' concerns without any intermediary. The Company will assign a responsible official for such contacts and such official will remain available to the stakeholders at designated hours in a suitable location. If the Company has to share information with stakeholders through personal contact, it will be carried out only by the authorised official.

Language

The choice of language and structure of communication shall be established keeping in view the language skills of the recipient, requirements of the law and the common practice of the area. The purpose of the language and structure shall be to allow the recipient to understand the disclosed information easily and without ambiguity.

Proactive communication

The Company will proactively seek to disseminate relevant information. Lack of timely and relevant information can lead to misunderstandings and misgivings on the part of stakeholders.

Effective Reporting

Minutes of all meetings will be taken and shared with the participants through various media. If necessary and suitable, the decisions of such meetings will be shared with general public through press releases.

Monitoring Mechanism

Monitoring by an independent party will be planned to ensure the effectiveness of the Disclosure Plan. Feedback from that independent party should form the basis for improvement of the plan or its implementation.

Specific Provisions

The Information Disclosure Plan covers the whole life of the project, divided into two phases: Construction phase; and the Operation Phase. The following specific provisions shall apply during the relevant phase.

Construction Phase

i. Social uplift plan

- a. In accordance with the conditions of the EIA approval, progress on social uplift plan will be shared with EPA AJK quarterly through written report. HSE Manager will prepare such report and the Company's CEO will approve the report.
- b. The progress on Social Uplift Plan will be shared with the local community quarterly through personal contact. HSE Manager will be responsible for such activity.
- c. From time to time, the Company will arrange press briefings, including release of reports and site visits. HSE Manager and Administration department shall be responsible for such visits. All visits and press releases must be approved by CEO.

ii. Accidents/Incidents intimation

- a. In case of any accident, resulting in any kind of loss, immediate intimation shall be given to the relevant governmental authorities. Administration department and HSE Manager will coordinate with each other for such reporting.
- b. In case such accident requires disclosure for local community, whether to an individual or to public, such disclosure will be made in a proper and respectful manner. The approval for such disclosure shall be given by CEO.
- c. Information Disclosure to the press shall be made by HSE Manager through formal press release only after approval of CEO in the matters of accident or any untoward incident.

iii. Change in Traffic Management Plan

If there is any change in the traffic management plan the locals and the relevant government authorities will be informed immediately regarding the change and its implementation through official letters and personal contact.

iv. General information of Project Progress

- a. EPA will be updated on the progress of the project on quarterly basis. Technical and Commercial Department shall be responsible for such reports.
- b. Relevant government agencies, including Private Power Cell AJ&K, Private Power And Infrastructure Board (PPIB) of Government of Pakistan and the Power Purchaser, shall be updated on the progress of the project through monthly/quarterly reports, as the case may be. Technical and Commercial Department shall be responsible for such reports.
- c. From time to time, the Company will arrange press briefings, including release of reports and site visits. Technical and Commercial Department shall be responsible for such reports. All visits and press releases must be approved by CEO.

v. Grievance Redress

Grievance redress will be done through relevant mechanism proposed in Section 5.3 of this document.

vi. Compliance Report

Reports on the fulfilment of conditions of the EIA approval by relevant EPAs will

be prepared by HSE Manager and submitted to relevant EPA after approval of CEO. The frequency of such report shall be as per the relevant approval.

vii. Construction related matters

HSE Manager, after receiving information from Technical and Commercial Department, will keep local community, relevant government agencies and other stakeholders informed about the construction related matter directly impacting them. The form and frequency of communication will vary.

viii. Monitoring Mechanism

The monitoring on the implementation of the Information Disclosure Plan shall be done by Lenders' Engineer on quarterly basis. Lenders' engineers shall be given access to local community and other relevant stakeholders on need to access basis.

Operation Phase

i. Compliance report

Reports on the fulfilment of conditions of the EIA approval by relevant EPAs will be prepared by HSE Manager and submitted to relevant EPA after approval of CEO. The frequency of such report shall be as per the relevant approval.

ii. Reservoir operation information

For any reservoir operation requiring major releases of water, downstream communities will be informed prior to such release the loudspeakers of the mosques and also through phone contact with the local government officials.

iii. Accidents/Incidents intimation

- a. In case of any accident, resulting in any kind of loss, immediate intimation shall be given to the relevant governmental authorities. Administration department and HSE Manager will coordinate with each other for such reporting.
- b. In case such accident requires disclosure for local community, whether to an individual or to public, such disclosure will be made in a proper and respectful manner. The approval for such disclosure shall be given by CEO.
- c. Information Disclosure to the press shall be made by HSE Manager through formal press release only after approval of CEO in the matters of accident or any untoward incident.

iv. Operation related matters

HSE Manager, after receiving information from Technical and Commercial Department, will keep local community, relevant government agencies and other stakeholders informed about the operation related matter directly impacting them. The form and frequency of communication will vary.

v. Monitoring Mechanism

The monitoring on the implementation of the Information Disclosure Plan shall be done by Lenders' Engineer on quarterly basis. Lenders' engineers shall be given access to local community and other relevant stakeholders on need to access basis.

5.3. Grievance Management Mechanism

Grievance mechanism has been included in the Resettlement Plan (RP) and Environmental Management Plan (EMP) studies for the project. Going forward, the availability of a Grievance Mechanism will be advertised with the other project notifications regarding the release of the EIA and other Reports. The advertisements will include the contact information for all the stakeholders. A grievance form will be prepared and will be available through the representatives of the local villages. They will identify which ones can be solved locally or one that has to go to higher level beyond the village.

Regardless of its scale, involuntary resettlement inevitably gives rise to grievances among the affected population over issues ranging from entitlements, rates of compensation and eligibility criteria. Timely redress of such grievances is vital to the satisfactory implementation of resettlement and to the completion of the project on schedule. The Project therefore must ensure that affected persons have access to grievance redress procedures and that such procedures are in place to allow them to lodge a complaint or a claim.

APs will have the right to file complaints and/or grievance on any aspect of land acquisition and resettlement such as inventories, valuation, and entitlements. Any AP who has had his/her land or structure expropriated or altered and believes that they have not been compensated or assisted in compliance with their entitlements will be able to express their grievances through a grievance redressal mechanism.

All complaints and resolutions will be properly documented by the concerned Grievance Redressal Committee (GRC) and be available for review for monitoring purposes. As part of the post-evaluation and monitoring, the grievances will be reviewed by the Independent Monitoring Consultant, and decision regarding grievances shall be consistent with approved policies and entitlements.

A GRC will be formed under the RP in order to resolve disputes amicably through consultants. The GRC is very important as it is expected that most cases, if not all would be resolved by the GRC. The committee will hear complaints and facilities solutions and the process, as a whole will promote dispute settlement through mediation to reduce litigation.

Grievances are best redressed through project management, local civil administration, or other channels of mediation acceptable to all parties. Such channels of mediation may involve customary and traditional institutions of dispute resolution. The project company shall make every effort to resolve grievances at the community level. Recourse to the legal system should be avoided except as a last resort.

The spirit explained in the above paragraphs will be maintained as far as possible through the following mechanism.

5.4. Grievance Redress Committee (GRC)

In the case of Patrind Hydropower Project, major grievances that might require mitigation include the following:

- AP's not enlisted
- Compensation inadequate
- Dispute about ownership
- Delay in disbursement of compensation

To meet the requirements a Grievance Redress Committee (GRC) will be constituted to resolve such issues and provide AP's a public forum to address and resolve such issues adequately. The GRC may be comprised of the following members:

- District Revenue Officer, as the Chairman;
- Union Council Nazim, as Principal Member;
- SHPL Representative;
- Three Affected Community Representatives, as Members.

It shall deliver its decision within two to four weeks of registration of the case.

5.5.Function of the GRC

The GRC will meet whenever grievances have been forwarded to them. The decision of the GRC will not be binding and APs can take recourse to EPAs if he/she so desires.

The functions of GRC are as under:

1. Record the grievances of APs, categorize and prioritize them and provide solution to their grievances arising out of land and property acquisition and eligibility for compensation;
2. The GRC may undertake site visit and ask for relevant information in order to perform its functions;
3. Fix a time frame for resolving the grievance preferably in of 14 days;
4. Inform aggrieved parties directly about the status/development of their case;
5. Inform in writing of their decision to the aggrieved party.

5.6.Grievance Redress Procedures

This grievance redress procedure along with specific time frame and mechanism for resolutions of complaints will be adopted. This procedure states that any AP who has a complaint or is not satisfied with the compensation provided can complain in writing to the GRC. The GRC will deal with the grievance and complaint received from the APs and take necessary actions to solve the issue.

The AP's and local stakeholders were briefed on the function and responsibilities of the grievance redress committees and the grievance redress procedures. The AP's appreciated and welcomed the establishment of the committees and voiced their support towards this initiative. They felt that such a mechanism would ensure that land replacement and compensation packages would be fair and just.

Generally, community leaders know the individual APs and have the political and social responsibility for the community members. Once a grievance is received, PES/EPC will investigate the concern and first make a determination of its legitimacy. Assuming the issue to be a valid concern, Owner Engineer (PES) and the EPC will communicate the issue to SHPL and facilitate the process to resolve

the issue. Responses and actions (if necessary) to resolve the grievance will be communicated to the individual who submitted the grievance. A written record of all grievances received, and how they were dealt with, will be kept by Owner Engineer (PES), the EPC Contractor and the Project Company (SHPL).

ANNEXURES

SOCIO-ECONOMIC SURVEY
PROFORMAS

PATRIND HYDROPOWER PROJECT

1. **Site Name**
Elevation _____ Co-ordinates _____
2. **Location**
3. **River Name**
4. **Population Upstream of Weir Site within 2 Km**
Village Names _____
Populations _____
5. **Population Downstream of Weir Site within 2 Km**
Village Names _____
Populations _____
6. **Groundwater/Surface Water Quality**
Depth _____
Quality (Saline etc.) _____
7. **Climate**
Met Data from Nearest Met Station _____
8. **Water Use Downstream of Weir**
9. **Biological Environment**
Flora
 - Natural Vegetation _____
 - Forest Type/ Acreage _____
 - Endangered Species _____**Agriculture**
 - Crops _____
 - Vegetables _____
 - Fruits _____**Fauna**
 - Rare and Endangered Species _____
 - Species which Require Management _____
 - Species of Economic Significance _____
 - Species of Special Interest to Local Population or Tourists _____
 - Aquatic Fauna of Commercial/ Recreational Value and Migratory Fish Species Alongwith Their Spawning Ground. _____
 - Migratory Route of Terrestrial, Aquatic as well as avi - Fauna _____**Livestock**
Fisheries

10. Economy

Employment Classes

Occupations

Income

11. Civic Amenities

Housing (Class, Pucca, Kutcha Houses)

Water Supply and Sanitation

Health (Hospitals, Clinics, Dispensaries)

Education (Schools).

12. Culture

Archaeological Sites

Mosques, Shrines

Education of Women

13. Assets Submergence by Weir Reservoir

Submergence of Total Land Area (Acres)

Private Land

State Owned Land

Agricultural Area (Cost/Acre):

- Irrigated
- Rainfed
- Wasteland

Residential Area (Cost/Acre)

Name of Villages

No. of Villages

No. of Houses (Cost/House)

Population (No. of People Displaced and Needing Resettlement)

No. of Trees

14. Archaeological Sites

Shrines

Mosques

15. Infrastructure

Existing (Nearest Major Road)

Required (For project construction, including equipment transportation)

16. Using PRA, Interviews of Locals

SOCIO-ECONOMIC SURVEY PROFORMAS
(URDU VERSION)

**PARTICIPANTS OF PUBLIC
HEARING - MUZAFFARABAD**

**PHOTOGRAPHS OF PUBLIC HEARING
MEETING AT MUZAFFARABAD**



A view of Public Hearing Meeting



CEO SHPL is addressing the Participants



Participants of Public Hearing Meeting



Participants of Public Hearing Meeting



Participants of Public Hearing Meeting



Participants of Public Hearing Meeting



Participants of Public Hearing Meeting



Local People are Questioning



CEO SHPL and Deputy Director EPA are responding the issues raised by the Participants



PES team clarifying their views



A Participant is conveying his views



People are raising issues



View of Public Hearing Presentation by CEO and Coordinator SHPL



Local People are sharing their views



A Person is Questioning



Participants of Public Hearing Meeting



CEO is addressing Public Hearing Meeting



Discussion regarding Public Hearing Meeting

2006 & 2010
PHOTOGRAPHS OF PROJECT AREA,
FIELD VISITS
AND
SCOPING SESSIONS



Downstream Flow of Kunhar River Showing Deeper Bed and high Banks - 2010



An Other Downstream view of Kunhar River showing Deeper bed and high Banks - 2010



Downstream Flow of Kunhar River near Boi Village Showing Deeper Bed and high Banks of the River - 2010



Downstream View of Kunhar River Showing Deeper bed and high banks - 2010



A Stream Joins Kunhar River about 2km Downstream of Weir Site - 2010



Piriyali Nullah Enters Kunhar River about 1.5 km Downstream of Weir Site - 2010



**Boi da Katha Nullah Joins Kunhar River
about 4km Downstream of Weir Site - 2010**



**Another view of Site for Construction
Camp in Village Tarcheela at Weir Site –
2010**



**A katcha Track where Maintenance Road is
to be Constructed - 2010**



**House to be Affected due to Diversion
Tunnel at Weir Site -2010**



Local Consultation at Weir Site - 2010



**A Meeting with Locals of the Boi Village
Downstream of Weir Site - 2010**



Sociologist is Collecting Social Data in a Meeting with Locals of Village Patrind - 2010



Environmental Team is in Consultation with the Owners of Storage Camp at Weir Site in Patrind Village - 2010



A Process of Consultation in Tarcheela Village - 2010



Local Consultation in Deedal Meera Village – 2010



A Meeting with Locals in Alora Village at Powerhouse Site - 2010



Scoping Session in Deedal Meera Village – 2010



SHPL and EPC team in consultation with Locals of Tarcheela Village AJK - 2010



SHPL and EPC team in consultation with Locals of Tarcheela Village AJK – 2010



SHPL and EPC and PES environmental team in consultation with Locals of Tarcheela Village AJK - 2010



SHPL and EPC team in consultation with Locals of Tarcheela Village AJK - 2010



SHPL and EPC team in consultation with Locals of Tarcheela Village AJK - 2010



SHPL and EPC team in consultation with Locals of Tarcheela Village AJK - 2010

**PHOTOGRAPHS OF STAKEHOLDER MEETING
OF CDM AT MUZAFFARABAD**



Stakeholders meeting for CDM at Muzaffarabad AJK September- 2010



Stakeholders meeting for CDM at Muzaffarabad AJK September- 2010



Stakeholders meeting for CDM at Muzaffarabad AJK September- 2010



Stakeholders meeting for CDM at Muzaffarabad AJK September- 2010



Stakeholders meeting for CDM at Muzaffarabad AJK September- 2010



Stakeholders meeting for CDM at Muzaffarabad AJK September- 2010

**PHOTOGRAPHS OF STAKEHOLDER MEETING
OF CDM AT BARBIAN KPK**



**Stakeholders meeting for CDM at Barbian
KPK September- 2010**



**Stakeholders meeting for CDM at Barbian
KPK September- 2010**



**Stakeholders meeting for CDM at Barbian
KPK September- 2010**



**Stakeholders meeting for CDM at Barbian
KPK September- 2010**



**Stakeholders meeting for CDM at Barbian
KPK September- 2010**



**Stakeholders meeting for CDM at Barbian
KPK September- 2010**

