

11. PANCHESHWAR SUPPORT PROGRAM

11.1 INTRODUCTION

The PHD has been designed meticulously to have least foreseeable impacts on the society, economy and culture of the project area. However, the project would still have adverse impacts, which will need to be mitigated and/or compensated. Furthermore, along with adverse impacts; the project is expected to have beneficial impacts. In fact, PMP will be one of the largest undertakings of the region, and can boost its economy and living conditions. The Pancheshwar Support Program (PSP) has been proposed as a package of programs that would mitigate adverse impacts, and also enhance positive and beneficial impacts.

11.2 VISION OF PSP

The vision of the PSP is to improve living conditions and alleviation of the local communities of the project affected areas through the interventions on strengthening and empowerment of the local community and improvement of local infrastructure.

11.3 OBJECTIVES OF PSP

The specific objectives of the PSP are as follows:

- Ensure adequate mitigation of the project's adverse social, economic and cultural impacts;
- Improve health and sanitation outcomes of the local population through strengthening of the health services in the project area;
- Improve literacy rate of the local population through strengthening and streamlining education services of the project area;
- Improve of livelihood and sustainable economic development of the project affected families; and
- Rehabilitate or construct new government service centers, construction of rural infrastructure (road, electrification, water supply and irrigation canals) to support social and economic growth of the local population.

In order to address the targets set by the PSP vision and its specific plan, the activities are organized in integral plans. These proposed plans are integral in a sense that they integrate both compensatory and enhancement measures in specific fields aiming to improve living conditions of the population in the project affected area. The compensatory and enhancement measures are organized into 5 main components of intervention:

Component 1: Public health and sanitation development program

Component 2: Education and cultural support program

Component 3: Income generation and livelihood support program

Component 4: Community infrastructure development support program

Component 5: Resettlement and rehabilitation program

11.4 PUBLIC HEALTH AND SANITATION DEVELOPMENT PROGRAM

Throughout the consultation with the affected population in the project Direct and Indirect Impact Zone, it has become apparent that improvement in health and sanitation program is highly expected. The baseline information collected during EIA also confirmed the need for health and sanitation improvement and suggested a number of mitigation measures to offset and reduce potential negative impacts in the project area due to the influx of a large number of workers, workers families, and camp followers.

Health program have been formulated under the PSP in order to improve the health conditions of the people of Project area. This Program shall be implemented based on discussions, interactions and coordination with the local community and the health related local agencies. Improving health facilities is a major concern of the people of the project area. The emphasis is on improving and upgrading existing health options rather than creating new or specialists' facilities. The interventions aim at improvement of health conditions as well as at coping with the influx of workers and camp followers for the construction period. The main aim of public health and sanitation program is to improve and upgrade existing health facilitates and improvement of sanitation situation in order to cope with population influx. Proposed activities of health components are given in Table 11-1.

Table 11-1: Public Health and Sanitation Development Programs

Code	Activities	Action	Target	Frequency	Monitoring indicator
PH1	Rehabilitation and upgrading of existing health facilities	Human resource development	Develop 100 health workers in each district	As required	Number of trained health manpower
		Rehabilitation of dislocated health posts 4 in Darchula and 3 in Baitadi	Construction of 4 health post in Darchula and 3 health post in Baitadi district	Once construction	Number of health posts constructed
		Upgrading district hospitals of both district	Upgrading of 2 hospital	Once upgrade	Number of upgraded hospitals
		Support to Furniture	Well equipped with furniture	Once support	Condition of furniture
		Support for purchasing and supply of medicine and vaccines	Availability of required medicine and vaccines	Once a year	Availability of medicine
		Buildings public latrine and safe drinking water supply	Regular water supply and toilet facility	Once support	Condition of water supply system and use of public toilet
PH2	Infectious disease controlled	Information, education and communication campaign	Each Project affected VDC and settlements through IEC materials	Regular basis	Informed and raise awareness in infectious disease
		Improve diagnosis and treatment system	In each health institutions	Regular basis	Less number of patients
		Social marketing of bed nets	Distribution of one bed nets in each PAF households	Once a year	Number of distributed bed nets
PH3	Reproductive health and STD control	Information, education and communication campaign against AIDs	Campaign against STD in each settlements through IEC materials	Regular basis	Number of campaign organized
		Distribution of condom packages and social marketing	Distribution in each health institution	Once a year	Number of distributed condoms
		Voluntary HIV testing camps and counseling	Operation camps in each settlements	Once a year	Number of tested and participated persons in camps
		Discourage prostitution and promote safe sex	In each project affected settlements	Regular basis	Reduce number sex workers and HIV patients

Code	Activities	Action	Target	Frequency	Monitoring indicator
		Information, education and communication campaign for reproductive health	In each project affected VDC and settlements through IEC materials	Regular basis	Number of campaign organized
		Vaccination campaign	in each project affected VDC	Twice a year	Decrease number of child death rate
		Technical support for anti –and post- natal care	In each district hospitals	Regular	Number of death rate child and mother
		Promotion of birth control	In all project affected VDC	Regular	Number of birth rate
		Training to traditional birth attendants in deliver assistances	Provide training one WHA of each wards from project affected VDC	Twice a year	Number of product of trained birth attendants
PH4	Monitoring and demographic surveillance	Conduct demographic survey	District and settlements where programs and intervened	Once a year	Effectiveness of baseline information of health status

11.5 EDUCATION AND CULTURAL SUPPORT PROGRAM

Education and cultural support program shall be implemented in order to improve the educational conditions of the people of Project area and preservation of cultural and archaeological importance places and beliefs of the project area. The program shall be designed based on interaction, discussions, coordination and joint effort with the local community and the education related local agencies. It covers different aspects related to the education. Education is also an area of high priority. Here emphasis is given on improving existing institutions as with the Health Component and preserving culturally important places. Proposed activities of the education and cultural support component are shown in Table 11-2.

Table 11-2: Education and Cultural Support Programs

Code	Activities	Action	Target	Frequency	Monitoring indicator
PEC1	Rehabilitation and upgrading existing education facilities	Construction and rehabilitation of submerged educational institutions	Construction of 18 educational institutions in Darchula and 19 in Baitadi	During the pre project construction period	Number of educational institutes constructed
		Provide teachers training	Provide at least 15 teachers per year from each IIZ VDC	A week training once a year	Number of trained teachers
		Provide educational materials	Supply educational materials in 37 rehabilitee schools	Once a year	Number of students received educational materials
PEC2	Increase enrolment of girls and deprived class	Provide scholarship and grants to disadvantaged groups and girls	Provision of Nrs 1500 scholarship or grants for 30 PAF from each VDC of IIZ	Once a year	Increase enrolment of girls and disadvantage groups
		Awareness campaign for parents	Organize enrolment campaign in each VDC of IIZ	Once a year	Number of campaign organized
		Parental education	Organize parent education campaign in each VDC of IIZ	Once a year	Number of campaign organized
		Support to purchase school uniform and materials	Support 20 students from each IIZ school for school uniform and materials	Once a year	Number of received students
PEC3	Increase adult literacy rate	Adult literacy classless	Organize adult literacy in each wards of IIZ	3 months class in each year	Number of students participated in class
PEC4	Preservation of cultural rite and rituals	Rehabilitation of dislocated importance temples and shrines	Rehab temples and shrines (22 in Darchula and 13 in Baitadi districts) in appropriate locations of IIZ	During project construction	Number of rehabilitated temples and shrines
		Rehabilitation of international importance temples	Rehab of Shreemahal, Malikarhun, Sipal and Jagannath		Separated archeological study is required
		Rehabilitation of cremation ground	Rehab 35 cremation ground (22 in Darchula & 13 in Baitadi districts)	During the project construction	Number of cremation ground constructed
		Construction of cultural museum	Construction of once cultural museum for the preservation of cultural rite and rituals	During the project construction	Number of museum constructed
		Preserve cultural rite and rituals	Provide fund to celebrate special cultural functions (Deuda dance etc)	Once a year	Times of provided fund

11.6 RURAL INFRASTRUCTURE DEVELOPMENT PROGRAM

Due to growing demand of rural electrification, rehabilitation, construction of rural roads and rehabilitation and construction of irrigation canals and water supply system from the project affected VDCs, Rural Infrastructure Development program have been included under PSP. This will create professional opportunities for the communities and provide direct benefit on rural life such as to get rid of the smoke from oil lit lamps, easy access and improvement in productivity. The project shall distribute transformer for rural electrification and provide Peltric set for micro hydro schemes under community participation. The electrification schemes may be implemented under the coordination with Alternative Energy Promotion Center/Nepal Electricity Authority, and the road construction will be coordinated with Department of Road and irrigation and water supply project will be implemented in coordination with related government agencies Table 11-3.

Table 11-3: Rural Infrastructure Development Programs

Code	Activities	Action	Target	Frequency	Monitoring indicator
PRI1	Rehabilitation of irrigation canals	Rehabilitation of damaged irrigation canals	Rehabilitation of irrigation canals in 9 VDC of Darchula and 8 VDC of Baitadi	During the project construction period	Number of irrigation canals and irrigated lands
		Construction of new irrigation canals	Construction of 13 in Darchula and 16 in Baitadi new irrigation canals	During the project construction period	
PRI2	Rehabilitation of Government service centers	Rehabilitation of Agriculture service centers	Rehabilitation of Agriculture Service Center (9 in both Darchula and Baitadi)	During project construction period	Number of rehabilitated service centers
		Rehabilitation of Livestock service centers	Rehabilitation of Livestock service centers (13 in Darchula and 11 in Baitadi)	During the project construction	Number of rehabilitated service centers
PRI3	Rural electrification	Support to established Renewable Energy Technology	Installed peltric set 20 in Baitadi and 20 in Darchula district	During the project construction	Number of installed sets
		Support for Solar Electrification	Support Solar Electrification for 500 HSS	During the project construction	Number of projects constructed
		Support in micro hydro	Support to install 2 micro hydro in project affected districts	During the project construction	Number of projects constructed
		Provide Training for operation and maintenance	Provide at least 150 people for the operation and maintenance training	After construction of peltry sets	Number of trained people
PRI4	Water Supply system	Rehabilitation of damaged water supply system	Rehabilitation of 24 in 9 VDC of Darchula and 19 in 9 VDC of Baitadi districts in IIZ	During project construction	Number of rehabilitated water supply system
		Construction of new water supply projects	Construct at least 12 water supply schemes in Darchula and 15 in Baitadi district in IIZ	During project construction	Number of new water supply system constructed
		Provide Health & Hygienic Training	Provide at least 350 people about health and hygienic training	During project construction	Number of trained people
PRI4	Construction of rural roads	Construction of all weather graveled road	Construct of Dattu – Uku – Lali – Sera road, 31km	Before project construction	Completion of road construction
			Construction of Lali – Kuli- Ratamata – Chaupata road (20Km)	Before project construction	Completion of road construction
			Construction and rehabilitation of rural roads and foot trails as required	During project construction	Number of roads constructed
PRI5	Re-establish access to Indian boarder	Construction of ferry (boat) for border crossing	Construction and operation of ferry/boat in Dattu, Joljibi, Jhulaghat and Pancheshwor ghat	End of the project construction	Number of access boat constructed
PRI6	Construction of suspension bridges	Rehabilitation of suspension bridges	Construction and rehabilitation of 13 suspension bridges in IIZ	During the project construction	Number of suspension bridges constructed

11.7 INCOME GENERATION AND LIVELIHOOD SUPPORT PROGRAM

This program shall be enforced to improve the living standards of the local people through income generation activities. The program will be implemented in consultation and after discussions, suggestions and interaction with the local communities, and coordination with the local bodies, recognizing the concept of Community Development Fund and Cooperative Development. The execution modality is presented in Table 11-4.

Table 11-4: Income Generation and Livelihood Support Program

Code	Activities	Action	Target	Frequency	Monitoring indicator
PIG1	Establishment of cooperative	Formation of saving and credit groups	Formation of saving & credit groups in each wards of 26 VDC	Within two year of project construction	Number of group formed
		Formation of women specific groups	Formation of women specific saving & credit groups in each VDC	With three year of project construction	Number of group formed
		Collection of seed capital	Collection of seed capital at least Rs. 50 from each member of group	Monthly collection	Capital seed collected
PIG2	Skill development/ entrepreneurship training	Establishment a Vocational and technical training center	Provide skill development and entrepreneurship training to SFAP and PAF of Project affected VDC	Once entire project period	Establishment of training center
		Provision of human resources	Equip with appropriate and equipment in training center	Once a time	Enough human resource to conduct training
		Provide skill development and entrepreneurship trainings	Select SPAF and PAF and participate them in training (priority given to poor, disadvantage, and marginalized class)	At least six months training once a year	Number of trained manpower
		Participation of PAF and SPAF	Participate at least one member of SPAF and PAF in training	At least twice a year	Number of trained manpower
PIG3	Employment generation	Engage SPAF and PAF in project construction activities	Engage at least 30% of the total staffs from local	During the project tenure	Number of engaged manpower in project
PIG4	Credit flow in entrepreneurship development	Flow capital in small technical enterprises establishment	Capital flow to at least one member of SFAP and PAF in technical enterprise development (motorcycle workshop, plumbing, electrician, civil overseer, radio/mobile technician, scaffolding, welding hospitality management etc)	Regular basis	Number of entrepreneurship developed
		Capital flow in entrepreneurship development	Capital flow to small scale entrepreneurship (beautician, noodles, candle, sewing machine, milk diary, small and cottage industry, etc)	Regular basis	Number of entrepreneurship established
			Support to occupational skill development (shoe making, sewing, blacksmith etc)	Regular	Number of established shops
			Support to establish tourism and hotel based entrepreneurship	Regular	Number of hotel established