

### DETAIL NOTE ON THE PROJECT

The total forest land required for the construction of Shanag Middle 100 KW MHEP is 0-16-69 Hectare located in VPO- Shanag , Tehsil- Manali, Distt-Kullu, H.P. in Kullu forest


The project components proposed are Trench weir, Intake , Desilting tank , Conveyance channel , Forebay , Penstock, Power House, Muck Dumping Area , Tail Race and transmission line and will be constructed on the proposed forest land .

The water of Halandi stream will be diverted by the construction of a diversion weir and conveyed through a closed conveyance channel of approximate length of 10 mtr till the Desilting cum Forebay tank from where the water will be carried by a penstock till the power house which houses the turbines and generators and hence the generator shall generate 100 KW electric power . The power generated shall be evacuated through underground transmission line.

Shanag Middle Micro Hydro Electric Project comprises of the following components:

- i. Diversion Weir
- ii. Conveyance Channel
- iii. Desilting cum Fore bay
- iv. Penstock
- v. Flushing pipe
- vi. Power House
- vii. Tailrace
- viii. Transmission Line
- ix. Multiple Dumping Sites

With the construction of the aforesaid project, the Economic condition of the nearby villages of about 1000 residents living in the village of Shanag, Tehsil- Manali, District Kullu will be improved considerably. Presently Non Renewable sources like combustion able natural fuels are being used as domestic fuel. Availability of reliable and qualitative electricity would help in conservation of precious natural resources .Further this scheme shall help in the development of the local area and will improve the general living conditions of the residents.

  
SHANAG MIDDLE HEP (100KW)

i. **Employment likely to be generated :**

a. Yearly employment during construction ( approximate ) by categories

Year	Professional/technical	Clerical services	Skilled	Un-skilled
Ist year	2	1	5	20
2nd year	2	1	4	15

b. Seven personnel's will be deputed permanently for the operation of the project after the construction of the project.

Place : .....

Date : .....

  
SHANAG MIDDLE HEP (100KW)

  
Range Forest Officer  
Forest Range Manali