

Full Title of the Project: Karot Nain SHEP (1 M W) Aryan Hydel Pvt Ltd

File No: _____

Date of proposal _____

CHECK LIST NO: 9

JUSTIFICATION FOR LOCATING THE PROJECT IN FOREST AREA

The catchments area of Nain Khad above diversion structure comprises of private and forest land, the bed slope of the Nain khad varies from 1:5 to 1:10 which is ideal condition for hydro electricity generation. The natural design of the khad is not disturbed as only 6 mtrs wide weir has been proposed & the water generation of electricity would be released back to the khad on run of river principle.

No other viable alternative is available for the project so it has to be such located in the forest land, the project component like Power channel, Weir site, Penstock Line, Power House Switch Yard, Muck Dumping, and Transmission Line etc. Lies under the forest division palampur, District Kangra H.P. Three alternative has been explored and one covering minimum tree is finally selected, keeping in view other factor such as cost. Effectiveness, ecological disturbances and stability of strata to make best use of eater available for the power generation.

Financial and Social Benefits:

A) Financial Benefits:

The Project would generate 4.78 million units of energy and will provide power of 1000 Kw to the HPSEB grid @ 3.17 units, benefiting the state of Himachal Pradesh.

B) Social Benefits:

- i) Provide reliable power supply to the rural area to stimulate economic activity, social welfare among local population.
- ii) Conserve kerosene and oil products used for lighting and other purposes in rural area.
- iii) Conserve forests, which are being used for meeting rural energy needs.

- iv) Increases productivity in agriculture, industry and commerce.
- v) Create employment during construction and maintains and thus check to migration to cities.
- vi) To reduce carbon emission and global warming effect by submitting coal and thermal power generation.
- vii) To promoted rural entrepreneurship and formulation of NGOs.
- viii) To provide alternatives means of transportation viz, rope way & cable way and other electricity power access system for the transpiration for the man, material and orchard produce as substitution for the road.
- ix) To reduce the use of fuel wood during winter for heating purpose, thus reducing deformation.

Total Population benefited:

The population of approx 200 persons living in the village Nain nearby villages on District Kangra would be benefited.

Project Objectives:

- i) Reduction in emission of green house cases.
- ii) Preservation of biological diversity.
- iii) Arresting the pollution of international waters.
- iv) Preservation of ozone layer.
- v) Reduction in global warming.

The project would have lot of long term, direct and indirect advantages. Hence the project is required to be considered.

Range Officer
Bajinath Range

Divisional Forest Officer
Palampur Forest Division
Palampur

Aryan Hotel Pvt Ltd
Authorized Signatory
