

**Justification for relocation of Land requirement for development of (240 MW) Heo HEP**

The land requirement for development of Heo HEP has been necessitated to relocate/allocate for following components and justification relocation/allocation as follows.

**1. Heo Barrage Quarry Area**

As per earlier proposal Heo Barrage Quarry area of 0.3 Ha has been designated in Hiri village. After conducting necessary tests the properties of aggregates collected from available rock samples at designated area were found not useful for construction.

A new quarry area 0.3 Ha has been identified at Lipusi village after confirming properties of aggregate tests of available rock. Therefore, relocation of Barrage Quarry site 0.3 Ha from Hiri village to Lipusi village has been necessitated.

**2. Heo Power House Quarry Area**

As per earlier proposal Heo Power House quarry area of 0.3 Ha has been designated at Gapo village. After conducting necessary tests the properties of aggregates collected from available rock samples at designated area were found not useful for construction.

A new quarry area 0.3 Ha has been identified at Meying village area after confirming properties of aggregates tests of available rock. Therefore, relocation of Heo Power House Quarry area of 0.3 Ha at Meying village has been proposed.

The proposed quarry sites at Lipusi and Meying village falls in "Community Forest land" are unavoidable and minimum possible land requirement for the development of Heo HEP (240MW).

**3. Allocation of Heo additional quarry area 0.5 Ha (from Puak Dam Quarry area)**

Pauk HEP 145 MW is being developed by Pauk Hydro Power Private limited under Velcan Energy (a group of companies), the Detailed Project Report of Pauk HEP 145 MW is under preparation. Heo HEP 240 MW is also being developed by Heo Hydro Power Private Limited of Velcan Energy (a group of companies), which is in advanced stage after obtaining necessary clearances and heading towards construction.

Under Pauk HEP 145 MW land requirement, 1 Ha of area has been designated for Pauk Dam Quarry area and tests of aggregates of quarry area were confirmed as useful for construction. As additional aggregate quantity was necessitated for construction of Heo HEP, a part of 0.5 Ha area of Pauk Dam quarry site (out of 1 Ha) has been allocated for Heo HEP construction.

Therefore, 0.5 Ha area has been deducted from Pauk Dam Quarry area and allocated for Heo HEP Barrage, HRT and PH construction purpose. The net available Pauk Dam Quarry area would be 0.5 Ha.

**4. Allocation of Heo Muck access road 3.7 Ha (from Pauk Dam Access road)**

In earlier proposal of Pauk land requirement an area of 12.6 Ha has been designated for Pauk dam access road. The same road also caters the transportation of muck extracted from barrage construction to Heo barrage muck dumping area.

As Heo HEP is in advanced stage and Pauk HEP DPR is under preparation, it has been necessitated to allocate part of 3.7 Ha land from Pauk dam access road of 12.6 Ha. Therefore, Heo barrage muck dumping area 3.7 Ha and remaining Pauk Dam access road area would be 8.9 Ha.

**Place: New Delhi**

**Date: 25.05.2017**

**For Heo Hydro Power Private Limited**

**Authorized Signatory**

