

കെ. ബിനുജോസ്

ചെയർപേഴ്സൺ Cum MD

പാലക്കാട് സ്മോൾ ഹൈഡ്രോ കമ്പനി ലി.

ജി

പ്രസിഡന്റ്

പാലക്കാട് ജില്ലാ പഞ്ചായത്ത്

ഫോൺ: 0491 - 2505504



No. PSHC/PMHP/FOREST/ 2153 /2021-22

Dated 10.05.2022

**The Additional Principal Chief Conservator of Forests,
Nodal Officer, F(C) Act &
Chief Executive Officer, CAMPA,
Forest Headquarters, Vazhuthacaud,
Thiruvananthapuram - 595014.**

Sir,

Sub: Forest & Wildlife Department - Diversion of forest land -Palakkuzhy
Mini Hydro Electric Project - regarding.

Ref:

1. Our proposal No. FP/KL/HYD/18380/2016
2. Letter No.FC1- 12966/2015 of Additional Principal Chief Conservator of Forests Dated 02.04.2022

For Execution of Civil & Hydro Mechanical works of Palakkuzhy Mini Hydro Electric Project requires 0.3Ha of Forest land for laying Penstock. The Penstock is of diameter 0.6m. As the Penstock is the integral part of project which holds the maximum Pressure, the Penstock is to be properly supported by Anchor blocks and Saddle Supports.

The pipes are to be laid almost at the center line of penstock route. The anchor blocks of size 2.5m x 2.5m are to be constructed at bends along this route. At bends the penstock may not be along the centerline. It may deviate according to the profile to either side. Saddle supports of size 2m x 2m at every 10 m interval along the path are also to be erected. The excavation for the same and depositing

the excavated soil in the allotted land, transportation of materials like spirally welded penstock pipes, expansion joints, lifting arrangements etc, using heavy machinery like Poclain, welding machine and diesel generator are to be conveyed along this route. More over materials for civil construction like coarse sand, graded stone aggregate, cement, mixer plant etc. are to be transported during the construction period. The transportation of materials and heavy machinery has to be done from bottom to top and top to bottom depending upon the ease of accessibility.

As the Penstock pipes are laid almost through the center of the 10 m width forest land, supported in anchor blocks of size 2.5m x 2.5m, 3.75 m of forest land will be available on either side. After laying the penstock pipe, PSHCL requires remaining land of 1.5 m on one side of pipe for construction of steps with hand rail for walkway as the profile is steep. On the other side of pipe Palakkad Small hydro Company Limited requires 1.5 width land for inspection, maintenance or replacement of pipes and expansion joints etc as and when required.

During construction we require 10 m width of forest land. After construction, Palakkad Small Hydro Company Ltd, the user agency requires 5.5 m width of land (2.5 m for penstock pipe & anchor blocks, 1.5 m for construction of steps for inspection on one side and 1.5 m on the other side for maintenance or replacement).

Yours faithfully,

For Palakkad Small Hydro Co. Ltd.


K. Binumol
Chairperson Cum Managing Director

