

Full Title of Project: Diversion of 0.8223 Ha. of Forest Land for Construction of Jiwa-II SHEP 1.75 MW, Sub-Tehsil Sainj, GHNP Shamshi Forest Division, Distt. Kullu (H.P.)
File No. :
Proposal No. : FP/HP/HYD/147118/2021
Date of Proposal :

ALTERNATIVES EXAMINED AND REASONS

Observations

From the above comparative analysis Route -1 & 3 have not been found suitable for the Diversion of 0.8223 Ha. of forest land for Construction of Jiwa-II SHEP 1.75 MW, Sub-Tehsil Sainj, GHNP Shamshi Forest Division at Distt. Kullu (H.P.) due to following reasons;

Alternate 1;

Alignment 1st involves thick forest, moreover, the topography of the same is not suitable for tunneling. More forest area will be involved in this plan as compared to the 2nd Alignment. Therefore, this alignment was not recommended.

Alternate 3;

Alignment 3rd is technically not feasible. This alignment if undertaken will result in head loss thereby reducing the feasibility/ viability of the project. Alignment 3rd also involves a lot of tunneling work & the topography of the same is not suitable for the laying of Penstock and slopes are not stable for the construction of the project. Therefore, this alignment was not recommended.

Recommendations

The Alternate-2

In the 2nd alignment total 0.8344 Hectare in which 0.8223 hectares of forestland & 0.0121 hectare of Private Land is involved with the least number of trees getting affected and in this alignment, no major digging of forest land will be involved for laying of the penstock. Since Alignment-2 is geologically more stable, involves minimum forest land and the least number of trees. Therefore Alignment -2 has been finalized.

1. This route is the shortest
2. All the components are on safe places.
3. Least no. of trees under cutting/trimming as compare to other routes.
4. Forest /Govt land involvement is least in this route
5. This line route has been so selected that majority of components locations are on safe locations, reducing thereby proximity to the forest area, habitations, and religious place
6. This alternate is geologically suitable for the construction of various components

Date:

Place: Shamshi

Authorized Signatory

Deepak Shewari

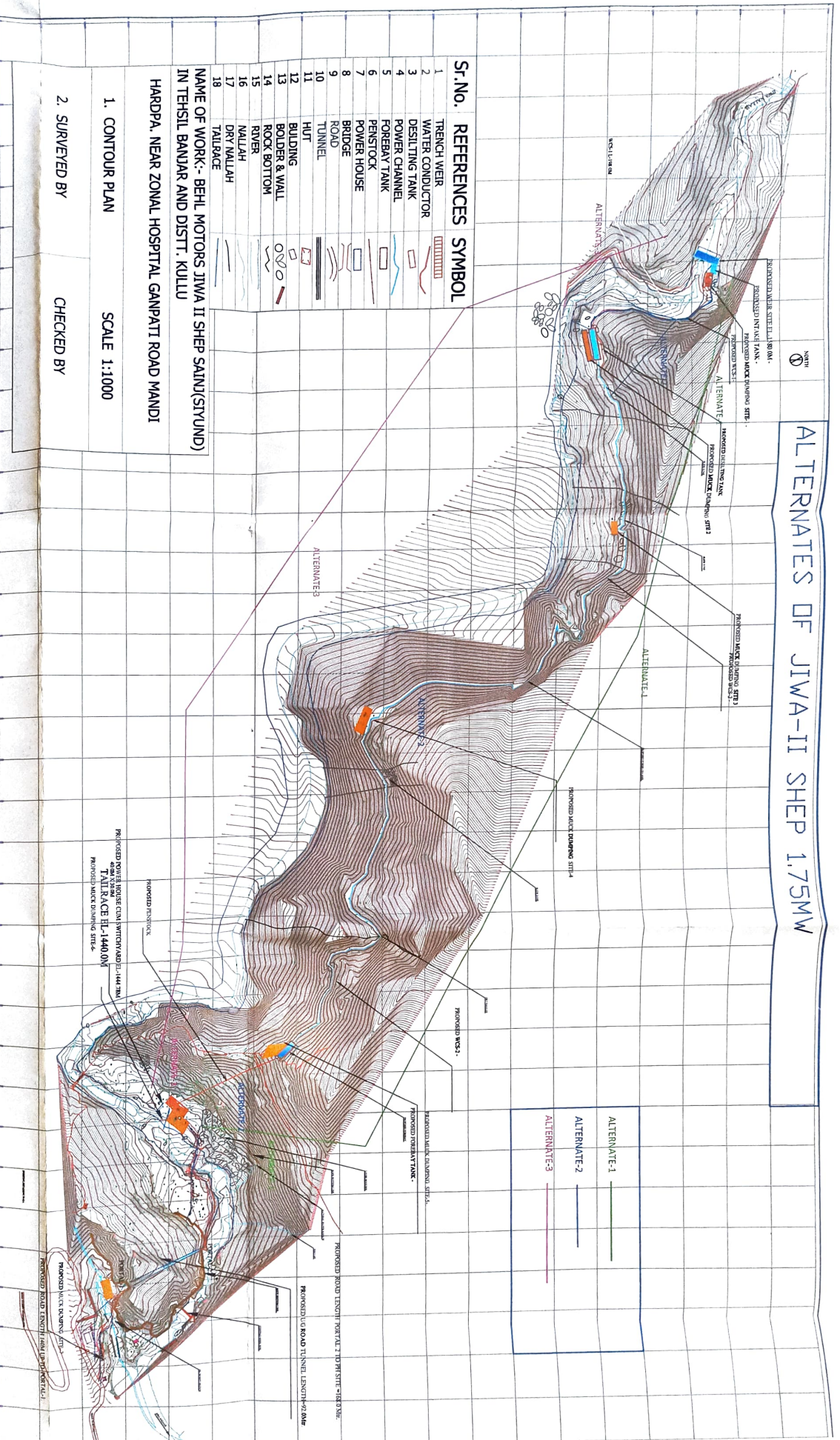
Auth. Signatory
Behal Motors

Jiwa-II SHEP (1.75 MW)

Countersigned By:-

[Signature]
Divisional Forest Officer
GHN Himalayan National Park
Shamshi, Kullu (H.P.)-175129

ALTERNATES OF JIWA-II SHEP 1.75MW



4/10/2020
Divisional Forest Officer
Great Himalayan National Park
Shimla, Kulu (H.P.)-175128

For BEHL MOTORS
Amit Sharma
Amit Sharma