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JUSTIFICATION TO LOCATE THE PROJECT IN FOREST AREA

NAME OF PROPOSAL:- Aug. & Integration of VWSS Matiana, Kumarsain Sainj and Surrounding villages of Theog Consty.in Shimla HP

In the proposed project Aug. & Integration of VWSS Matiana, Kumarsain Sainj and Surrounding villages of Theog Consty.in Shimla HP

This estimate / Project has been framed to provide drinking water facility to Theog constituency in Shimla Distt. Which is situated along Shimla Rampur N.H-22 for a length of 64 km from Shimla. The habitations of this scheme fall under panchayats, in rural area of distt. Shimla.

Theog constituency is a water stressed area for long time as the discharge of sources in existing schemes feeding to these habitations have either been reduced or dried up. This constituency is a gateway to the inner Himalayas having a tough terrain. The erratic rainfall adds to the woes of the people as well as to the water resources. Nearly all the springs and rivulets in the area have been tapped for water supply schemes but they have meager discharge during the lean period i.e during summer and winter months. There is no major perennial water source in this area, which can be easily tapped to feed the surroundings of Theog constituency. The discharge of the existing schemes is also reducing year by year due to climate change and deforestation. Thus to overcome the problem of Shortage of drinking water a Lift Water Supply Scheme has been proposed from Kurpan KHAD having discharge 99825 LPS.

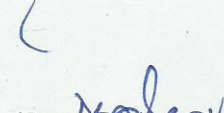
**Population:-** The population taken in the project is 118637 persons for Theog constituency and 9174 persons for Nankhari as in the year 2013. The ultimate population comes out 185489 persons for Theog constituency and 14344 persons for Nankhari as for 35 years including 5 years construction period.

**Water Requirement:-** The water requirement has been constructed @ 70 LPCD.

**Pump house:-** Pump house has proposed for 1st Stage at singpur and for 2nd stage at Madhuban.

**Civil Structures:-** RCC Storage tanks are proposed at various sites with control chambers. The capacity of Sump well at 1st stage , 3818300 ltrs capacity and at 2nd stage 351300 ltrs capacity.

  
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