

**DIVERSION OF 0.2320 HA. OF FOREST LAND FOR CONSTRUCTION OF 33kV  
HT LINE SUB STATION AT BHADWAR, NURPUR IN DISTRICT KANGRA (H.P.)**

FILE NO. : **FP/HP/SubStation/142137/2021**

DATE OF PROPOSAL :

**RECLAMATION PLAN  
FOR C/O 33/11 kV HT LINE SUB-STATION AT BHADWAR IN DISTRICT KANGRA (H.P.)**

**Disposal of Muck**

The muck produced while construction of 33/11 kV HT Line Sub-Station at Bhadwar in Tehsil Nurpur in District Kangra would be self utilized with due consideration.

**Rehabilitation Proposal**

Since there is no displacement of any population due to the construction of the project there will be no rehabilitation problem.

**Afforestation**

Compensatory afforestation shall be done on degraded forest land, double the area proposed for diversion. However trees shall be planted in the surrounding area with consultation of Forest Department.

**Retaining walls**

RR Masonry / GI Wire crate filled with boulders/ stones reclaimed from excavation of various project components shall be used for construction of retaining walls for retaining the surplus excavated earth / muck as per standards adopted with due consideration to site condition.

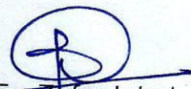
**Use of muck/debris**

The entire muck/debris obtained from the construction of **Substation** shall be used for manufacture of aggregates for construction work, filling in wire creates, stone masonry works, breast wall, switchyard, etc.

# PROFORMA FOR DETAILS OF MUCK

Project Component	Quantity of Muck / debris generated	Quantity of muck with 45 % swell factor	Total quantity of muck / debris including swell factor	Estimated quantity of muck / debris proposed to be utilized	Estimated quantity of muck / debris proposed to be dumped	Name of the dumping site as shown in the plan	Capacity of the dumping site (cu.mt)
1	2	3	4	5	6	7	8
33/11 kV Sub Station	$48 \times 40 \times 0.20 = 384$	173	557	557	-	The area proposed for diversion is partially low lying area and the muck produced shall be utilized for leveling of the area.	The area proposed for parking needs $35 \times 10 \times 1.6 = 560$ cu mt muck. Muck generated i.e. 557 cu. mt. shall be utilized for the purpose.
<b>TOTAL</b>	<b>384</b>	<b>173</b>	<b>557</b>	<b>557</b>	-		

Place : Nurpur  
Dated:

  
Er. Zafar Iqbal  
Sr. Executive Engineer  
Electrical Division,  
HPSEBL, Nurpur