

Overview of the Boldog Electricity

26 September 2008

By Namgyal Jangbu Sherpa

Boldog Peltry set Electricity

Capacity: 1.5 KW

Built in 2002

Initiated by the people of Boldok village, Tamakhani VDC wards no 3

Beneficiary group: 23 household of Tamang Community

Village Development Committee supported **Rs.111.100**

Each household of electricity user group collected **Rs.9.500** (Rs.9500 x 23 household =**Rs.218.500**) and gave labor donation worth of **Rs155.250**

Main motor was bought on credit. **Rs 9.000** is still credit.

Total expenditure **Rs. 511.730**

Charges: Each house collects **Rs. 100** (Rs80 to pay the loan and Rs.20 for operator salary)

Problem:

- Control box is not functioning
- Pipe from water source to Tank is damaged several places
- Power house is on the verge of falling
- Overflowing water of reserve tank caused landslide

Immediate requirements:

1. Canal in length 10 feet, 2 feet width and 2.5feet height

- Excavation: 3 man days x Rs.300 Rs.1.500
- Stone soiling: 2 pile stone x Rs.1200 + 2 man days x Rs.300 Rs.3.000
- Two side wall: Stone 3 piles x Rs.1200 + stone worker 7 man days x Rs.300 Rs.5.700
- Cement 3sacks x Rs.2400 + sand 12 tins x Rs.75 Rs.8.100

Total Rs.18.300

2. Water Tank volume 216feet

- Excavation and ground leveling 10man days x Rs.300 Rs.3.000
- Stone soiling 5man days x Rs.300 Rs.1500
- 1:2:3 PCC floor
 - (2 sack cement x 2400 + 8 tins sands x Rs.75 + 16tins gravel x Rs.75) Rs.6.000
- Wall 5 piles stone x Rs1.200 + 7man days x 300 Rs.8.100
- Cement Plaster (1:2)
 - 4 sacks cement x Rs.2400 + 16 tins sands x Rs.75 + 7man day x Rs.300 Rs.12.900

Total Rs.31.500

3. Pipe

- 110mm pipe 188 meters for source to reserve tank Rs356 x 188meter Rs.66.928
- 90mm pipe 12meter Rs.254 x 12meter Rs.3.048
- 110mm pipe 40meter for overflow water Rs.356 x 110 Rs.14.240
- Join nut etc.. Rs. 3.500
- Pipe fitting 2man x 7man days x 350 Rs.4.900

Total Rs.92.616

4. New control box

- Controller box 1 x Rs.3800

Total Rs.3.800

5. Power house construction

- 4 piles old stone (40%), 6 pile new stone (60%). 6 piles x Rs.1200 Rs7.200
- stone layer 25man days x Rs.300 Rs.7.500
- Stone soiling on floor 1 pile stone x Rs1200 + 2 man day x Rs300 Rs1.800
- Cement PCC in floor 2cement x Rs2400 + 4sand x Rs.75 + 8gravel x Rs.75 Rs.5.700
- Cement PCC 3man days x Rs300 Rs.900
- 1door, 1 window and 7beams including fitting charge Rs.8.500
- Roof 1 bundle tin x Rs10500/boundle Rs.10.500

Total Rs.42.100

Total required fund (1+2+3+4+5)

Rs.188.316, DKR 13.646

Fresh Pictures



Overflowing water caused landslide



Condition of the machine is being observed



Powerhouse of the electricity is being observed



Chairman Forba Tamang

