

Bringing water to Domi by gravity flow

Last year in August, Melghat Mitra successfully installed a solar water pump in Ruipathar village that now saves women the long walk downhill to fetch water. Now, the plan is to bring water to Domi by gravity flow.

A technical survey was conducted by Harvey and our team in Melghat to measure the pipe run and the height different between the water source and village.



Domi village

A spring located near a river bed will be used to supply water to the village of Domi, year round. The spring is on the adjacent village's land but we have received permission from Ruipathar, the adjacent village, to use the spring if we assure that they will have water available for their cattle and livestock. The spring area will be dig out and stones with concrete will enclose the spring with pipes for flow to the cattle watering hole, the water to flow to Domi and an overflow. We will provide the pipe for the cattle watering station and the concrete for that station to the villagers in Ruipathar so that they can construct a cattle watering station.



Measuring pipe run

The villagers from Domi will dig a trench and install the 1100 meters of pipe to the new tanks to be installed in Domi. The tank can be installed at ground level at the high point in his village. Two concrete water tap stations will be built by a plumber and a mason to be fed by gravity flow from the new tank(s).

The total cost of this project is Rs. 136,000 only, details of which are as follows:

Item	Unit cost (Rs)	Amount (Rs)
1 water tank each 5000 lit	22,500	22,500
HDP 1.25 inches, 10 kg per cu cm pressure - 1100 m	85	93,500
Transport		10,000
Plumber, cement and other sundry expenses		5,000
Water pond for live stocks of Ruipathar village	1	5,000
Total		136,000

Any contribution towards this project is most welcome. We also appreciate any voluntary help that you can give during the implementation of this project, especially if you have any experience in engineering / plumbing.

Contributions to Maitri are exempt under Section 80 (G) of the Income Tax Act.



Maitri

"Kalyan", 32 Natraj Society, Karvenagar, Pune 411052.

Tel 91 20 25443134 / 25450882.

Email: maitri1997@gmail.com, URL: www.maitripune.net