

Project Note

Underground Supply of 1045 KVA load HT connection in R/O M/S Executive Engineer, Maharashtra Jeevan Pradhikaran Division, Yavatmal from Godhani to MJP division office premises.

Providing, laying, commissioning and testing of 11 KV, 3 core x 185 mmsq XLPE (double run) under ground cable for availing 11 KV express feeder supply for ESR pumping station in office premises. This underground line is passing through forest land.


Scope of work :-

The scope of work covers making of trench of size 80 cm x 100 cm x 847 mtr = 0.847 Km for laying of 11 KV multi core cross linked polythene insulated power cable (XLEP) along the road side within ROW from Godhani power station via Rukamini Pandurang Sansthan, Oxygen Park to MJP office premises . This line passing through forest area is 847 Mtrs length. This 11 KV , 3 core x 1185 sqmm XLEP underground cable is needed for availing 11 KV express feeder supply in double run from 33 KV receiving substation. For laying of power cable duly excavation, RCC Hume pipe will be used 90 cm below ground level along road side. Necessary back filling with light ramming shall be carried out to make ground surface as it was. There is no need of felling of trees as no tree within ROW.

As the proposed route from 33 KV receiving sub station @ Godhani road bye pass to pure water supply pump in Office premises of MJP division Yavatmal is about 6 Km in proposed by MSEDCL in 1.33 % normative charges. The proposed alignment along PWD road within ROW is passing through forest area is 847 mtrs. Total length of proposed alignment is about 6 Km out of 847 mtr length is passing from forest area which is barest minimum area. There is no suitable alternate alignment for laying of underground electricity cable.

Pure water lifted from office premises pump to various MBR's to supply water to the beneficiary consumer in Yavatmal city. Lifting of water for various MBR is about 67.00 ML every day. This 67.00 ML pure water will be supplied to the consumer in the total area of Yavatmal city .

Due to expansion of city area, demand for pure water supply is day to day increasing. To fulfil this demand, under **Amrut Abhiyan** , new scheme of water supply from Bembala Dam project has been implemented. This project is purely public utility project.


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