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Name of the Project:- Work of conversion of existing 11KV overhead Netravali feeder to 11KV U/G cabling network emanating from 33/11KV Vaddem substation in Sanguem constituency under the jurisdiction of Elect. Sub Division-III, Sanguem.

Date of proposal: 11 /12/2020

NOTE

The existing 11KV HT overhead electrical network i.e. Netravali Feeder is emanating from 33/11KV Waddem Substation under the jurisdiction of Elect Sub Div-III, Sanguem and is feeding power supply to the installation of various consumers residing in the villages of Netravali, Verlem etc. through the LT electrical network from various Distribution Transformers Centres.

The existing 11KV overhead Netravali feeder is in service for more than 30years and its total cumulative length is 45kms. The said feeder is passing through the thick dense vegetation and Netravali Wildlife sanctuary. In the monsoon season, major power failure was occurs on this feeder due to falling of trees, tree branches etc. and the consumers of the above said villages were effected severely. Patrolling of the HT line in the thick vegetation and during night time is also a difficult task which also increase the total outage time.

Thus to provide reliable power supply to the consumers and to decrease the power outages, the project has been approved for the work of conversion of existing 11KV overhead Netravali feeder to Underground Cabling by bifurcating into three individual feeder i.e. Verlem feeder, Curpem feeder and Netravali feeder for proper load distribution and for better ring system.

The proposed UG cable will be laid adjacent to the shoulders of the road and the existing HT 11KV overhead electrical line will be dismantled after successful completion of the work. The proposed UG cable route will have to lay from the Netravali Wildlife sanctuary along the road side for a distance of 14.266Kms, as there is no other access route for reaching at the villages/areas like Verlem, Tudou, Salgini etc. These villages are located in the forest areas and thus for providing uninterrupted stable power supply to these villages, the UG cable has to lay from the forest area i.e. Netravali Wildlife Sanctuary. Since the UG cable will be laying along the road side there will be no tree cutting involved in this project. Further it will be easy for maintaining the proposed UG cable along the road side rather than through the thick vegetation.

(Subhash R. Dessai)
Executive Engineer
Electricity Department
Div-VII, Curchorem

Date: 13 /04 /2022

Place: Curchorem