

## JUSTIFICATION FOR THE PROJECT

TSGENCO has taken up construction of (4x270MW) Bhadradi Thermal Power Station at villages Ramanujavaram in Manuguru (M) and Seetharampuram and EdullaBayaram in Pinipaka (M), Bhadradi Kothagudem District on fast track basis to meet the power demand of Industrial, domestic and agricultural sectors etc of Telangana State. The Project construction works were awarded to M/s BHEL on EPC contract system. The construction works are going on at full swing.

The Government of Telangana has accorded permission for drawl of 45 Cusecs (1.4 TMC/Year) of water throughout the year from River Godavari at Ramanujavaram village, Manuguru Mandal, Bhadradi Kothagudem (Dist) vide G.Ms.No.03, Dated 07.01.2015 of I & CAD Department required for the above project. Accordingly, the work Design, engineering, Supply for construction of Intake structure, Infiltration Gallery in the bed of river Godavari, Raw water Pump House including supply and erection of pumps, Sub-Station etc and laying of MS pipe line from Pump House to Raw water Reservoir including civil, mechanical and electrical works for drawl of 45Cusecs of water throughout the year from River Godavari Near Ramanujavaram village, Manuguru Mandal was awarded to M/s Pochampad Construction Company Ltd, Hyderabad vide LOI CC- 12,D. No. 92/18, Dt: 26.05.2018. The work is going on brisk progress.

The Pumping main from Intake well to Raw Water Reservoir i.e. alignment for 1200mm Diameter MS Spiral welded pipe of 10mm thickness for a length of 7785 M was finalized for laying of MS pipe line out of which a length of 930 M is falling in the Reserved Forest area. The pipe line alignment falls in Kondaigudem Reserve forest station of Manuguru Division and area required of diversion.

$$930.0 \text{ M} \times 6.15 \text{ M} = 5719.50 \text{ Sqm} = 0.571 \text{ Ha}$$

As the above pipe alignment cannot be avoided the proposal is submitted for Diversion of Forest land to an extent of **0.571HA (1.41Acres)** in RF Station of Kondiagudem of Manuguru Division, Bhadradi Kothagudem District.

*18/01/2019*  
**Chief Engineer/Electrical  
Construction  
Bhadradi Thermal Power  
Project**