

Justification for location of the project in forest area

The Telangana Drinking water project (TDWSP) is intended to provide safe drinking water to every habitation at a service level with 100 lpcd at household level from a sustainable surface water source. As a part of the project, it is proposed to provide safe drinking in Pinapaka constituency in Khammam dist.

The work **"Providing Providing D.W.to habitations in Godavari and pusuru segments covering Pinapaka constituency in Khammam District-Segment - 25/4(Regalla gutta)."** All possible alternate routes for laying of pipelines have been examined and when it is inevitable and no other alternative route except through forest and Water Treatment plant Structures in the Forest Area is essential to treat the raw water then supply clear water through gravity mains to habitations in the Pinapaka Constituency in Khammam dist. As per the Hydraulic Designs and Topography of the Area the proposed locations are very much essential for laying of pumping main, gravity mains and construction of water treatment plant and there are no other possible alternative alignment.

Cost of the Project: 175.00 crores

Superintending Engineer
RWS&S TDWSP,
Khammam Circle.

"Counter Signed"

Chief Engineer
RWS&S TDWSP, Hyderabad

TELANGANA DRINKING WATER SUPPLY PROJECT-SEGMENT - 25/4,(ManuguruRegalla Gutta) - KHAMMAM DISTRICT						
JUSTIFICATION REPORT FOR THE DIVERSION OF FOREST LAND IN PALVANCHAKOTHAGUDEM DIVISION						
S.No	Set No	Division	Reserved Forest	Area Proposed for Diversion(	Justification for the diversion of Forest Land	Remarks
1	1	Kothagudem	Gundala	0.575	a) The proposed Pipe Line comes under Segment 25/4 of TDWSP (Telangana Drinking Water Supply Project). From Segment 25/4 Pipe Line Net Work, A part of the pipe line is proposed falls under Gundala RF for a length of 8220.521 M and with a Trench width 0.70, 0.80, 0.90, 1.00 & 1.20 M and the Total Area Required for diversion is 0.575 Hectars .The Pipe Line and structures alignment is proposed by duly utilizing the "Right of Way" of the existing Road which falls in the Gundala Reserve Forest and The Head work structures is proposed by duly utilizing the "Right of Way" of the existing Road which falls in the Gundala Reserve Forest. And, there is no other alternate alignment to propose as the ground levels are not permitting as per the Hydraulic Design.	NOC not required as the existing road is laid before 1980
2	2	Kothagudem	Gundala	0.543	a) The proposed Pipe Line comes under Segment 25/4 of TDWSP (Telangana Drinking Water Supply Project). From Segment 25/4 Pipe Line Net Work, A part of the pipe line is proposed falls under Gundala RF for a length of 7092.99 M and with a Trench width 0.70, 0.80, 0.90, 1.00 & 1.20 M and the Total Area Required for diversion is 0.543 Hectars .The Pipe Line and structures alignment is proposed by duly utilizing the "Right of Way" of the existing Road which falls in the Gundala Reserve Forest and The Head work structures is proposed by duly utilizing the "Right of Way" of the existing Road which falls in the Gundala Reserve Forest. And, there is no other alternate alignment to propose as the ground levels are not permitting as per the Hydraulic Design.	NOC not required as the existing road is laid before 1980

3	3	Kothagudem	Gundala	0.115	a) The proposed Pipe Line comes under Segment 25/4 of TDWSP (Telangana Drinking Water Supply Project). From Segment 25/4 Pipe Line Net Work, A part of the pipe line is proposed falls under Gundala RF for a length of 1640.889 M and with a Trench width 0.70, 0.80, 0.90, 1.00 & 1.20 M and the Total Area Required for diversion is 0.115 Hectars. The Pipe Line and structures alignment is proposed by duly utilizing the "Right of Way" of the existing Road which falls in the Gundala Reserve Forest and The Head work structures is proposed by duly utilizing the "Right of Way" of the existing Road which falls in the Gundala Reserve Forest. And, there is no other alternate alignment to propose as the ground levels are not permitting as per the Hydraulic Design.	NOC not required as the existing road is laid before 1980
4	4	Kothagudem	Gundala	0.287	a) The proposed Pipe Line comes under Segment 25/4 of TDWSP (Telangana Drinking Water Supply Project). From Segment 25/4 Pipe Line Net Work, A part of the pipe line is proposed falls under Gundala RF for a length of 4098.878 M and with a Trench width 0.70, 0.80, 0.90, 1.00 & 1.20 M and the Total Area Required for diversion is 0.287 Hectars. The Pipe Line and structures alignment is proposed by duly utilizing the "Right of Way" of the existing Road which falls in the Gundala Reserve Forest and The Head work structures is proposed by duly utilizing the "Right of Way" of the existing Road which falls in the Gundala Reserve Forest. And, there is no other alternate alignment to propose as the ground levels are not permitting as per the Hydraulic Design.	NOC not required as the existing road is laid before 1980
5	5	Kothagudem	Gundala	0.495	a) The proposed Pipe Line comes under Segment 25/4 of TDWSP (Telangana Drinking Water Supply Project). From Segment 25/4 Pipe Line Net Work, A part of the pipe line is proposed falls under Gundala RF for a length of 7068.095 M and with a Trench width 0.70, 0.80, 0.90, 1.00 & 1.20 M and the Total Area Required for diversion is 0.495 Hectars. The Pipe Line and structures alignment is proposed by duly utilizing the "Right of Way" of the existing Road which falls in the Gundala Reserve Forest and The Head work structures is proposed by duly utilizing the "Right of Way" of the existing Road which falls in the Gundala Reserve Forest. And, there is no other alternate alignment to propose as the ground levels are not permitting as per the Hydraulic Design.	NOC not required as the existing road is laid before 1980

6	6	Kothagudem	Gundala	0.56	a) The proposed Pipe Line comes under Segment 25/4 of TDWSP (Telangana Drinking Water Supply Project). From Segment 25/4 Pipe Line Net Work, A part of the pipe line is proposed falls under Gundala RF for a length of 7998.484 M and with a Trench width 0.70, 0.80, 0.90, 1.00 & 1.20 M and the Total Area Required for diversion is 0.560 Hectars .The Pipe Line and structures alignment is proposed by duly utilizing the "Right of Way" of the existing Road which falls in the Gundala Reserve Forest and The Head work structures is proposed by duly utilizing the "Right of Way" of the existing Road which falls in the Gundala Reserve Forest. And, there is no other alternate alignment to propose as the ground levels are not permitting as per the Hydraulic Design.	NOC not required as the existing road is laid before 1980
7	7	Kothagudem	Gundala	0.394	a) The proposed Pipe Line comes under Segment 25/4 of TDWSP (Telangana Drinking Water Supply Project). From Segment 25/4 Pipe Line Net Work, A part of the pipe line is proposed falls under Gundala RF for a length of 5627.992 M and with a Trench width 0.70, 0.80, 0.90, 1.00 & 1.20 M and the Total Area Required for diversion is 0.394 Hectars .The Pipe Line and structures alignment is proposed by duly utilizing the "Right of Way" of the existing Road which falls in the Gundala Reserve Forest and The Head work structures is proposed by duly utilizing the "Right of Way" of the existing Road which falls in the Gundala Reserve Forest. And, there is no other alternate alignment to propose as the ground levels are not permitting as per the Hydraulic Design.	NOC not required as the existing road is laid before 1980
8	8	Kothagudem	Gundala	0.731	a) The proposed Pipe Line comes under Segment 25/4 of TDWSP (Telangana Drinking Water Supply Project). From Segment 25/4 Pipe Line Net Work, A part of the pipe line is proposed falls under Gundala RF for a length of 10451.457 M and with a Trench width 0.70, 0.80, 0.90, 1.00 & 1.20 M and the Total Area Required for diversion is 0.731 Hectars .The Pipe Line and structures alignment is proposed by duly utilizing the "Right of Way" of the existing Road which falls in the Gundala Reserve Forest and The Head work structures is proposed by duly utilizing the "Right of Way" of the existing Road which falls in the Gundala Reserve Forest. And, there is no other alternate alignment to propose as the ground levels are not permitting as per the Hydraulic Design.	NOC not required as the existing road is laid before 1980

9	9	Kothagudem	Gundala	0.636	a) The proposed Pipe Line comes under Segment 25/4 of TDWSP (Telangana Drinking Water Supply Project). From Segment 25/4 Pipe Line Net Work, A part of the pipe line is proposed falls under Gundala RF for a length of 8427.064 M and with a Trench width 0.70, 0.80, 0.90, 1.00 & 1.20 M and the Total Area Required for diversion is 0.636 Hectars .The Pipe Line and structures alignment is proposed by duly utilizing the "Right of Way" of the existing Road which falls in the Gundala Reserve Forest and The Head work structures is proposed by duly utilizing the "Right of Way" of the existing Road which falls in the Gundala Reserve Forest. And, there is no other alternate alignment to propose as the ground levels are not permitting as per the Hydraulic Design.	NOC not required as the existing road is laid before 1980
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Total Ha

"Counter Signed"

Superintending Engineer
TDWSP Circle, Khammam

Chief Engineer
TDWSP, Hyderabad