

Justification for location of the project in forest area

The Telangana Drinking water Supply 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 Yellandu constituency in Khammam District.

The work "**Providing D.W.to habitations in Godavari and Pusuru segments covering Bhadrachalam,Pinapaka,Aswaraopeta,Sathupally(part),Kothagudem, Yellandu,Wyra(part) constituencies in Khammam District, Segment - 25/10 (Yellandu Koragutta)**". 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 Structures in the Forest Area is essential to supply clear water through gravity mains to habitations in the Yellandu 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 GLBR and there are no other possible alternative alignment.

Cost of the Project: 200.00 crores



Superintending Engineer
TDWSP Circle Khammam.

"Counter Signed"



Chief Engineer
TDWSP,Hyderabad

TELANGANA DRINKING WATER SUPPLY PROJECT-SEGMENT - 25/10 (Yellandu Koragutta) - KHAMMAM DISTRICT

JUSTIFICATION REPORT FOR THE DIVERSION OF FOREST LAND IN KOTHAGUDEM DIVISION

S.No	Set No	Division	Reserved Forest	Area Proposed for Diversion (in Hectares)	Justification for the diversion of Forest Land	Remarks
1	1	Khammam	Chimalapadu Reserve Forest	0.736	<p>a)The proposed Pipe Line comes under Segment 25/10 of TDWSP (Telangana Drinking Water Supply Project). From Segment 25/10 Pipe Line Net Work, A part of the pipe line is proposed 1)from 1 to 47 , falls under Paloncha east RF for a length of 2763.405 m with a Trench width 0.70 m the area required for diversion is 0.192 haectares 2) from 49 and 79 for a length of 2465.764 m with a width of 0.7 m the area required for diversion is 0.173 haectares and 3)from 112,129,130 to 520 for a length of 1359.115 m with a width of 0.70 m the arae required for diversion is 0.095 hect and 4)from 108 to 121 and 80 to 97 for a length of 3061.704 m with a Trench width of 0.90 m the area required for diversion is 0.275 hect. total area required is 0.736 Hectars.The Pipe Line and structures alignment is proposed by duly utilizing the "Right of Way" of the existing Road which falls in the Chimalapadu Reserve Forest and is proposed by duly utilizing the "Right of Way" of the existing Road which falls in the Chimalapadu Reserve</p>	NOC will be Obtained and submitted from PR and NH Dept.
2	2	Kothagudem	Yellandu	0.19	<p>a)The proposed Pipe Line comes under Segment 25/10 of TDWSP (Telangana Drinking Water Supply Project). From Segment 25/10 Pipe Line Net Work, A part of the pipe line is proposed 1)from 148 to 157,and 167 to 177 falls under Yellandu RF for a length of 1131.917 m with a Trench width 0.70m and the Area Required for diversion is 0.079 Hectars.2)from 133 to 149, falls under Yellandu RF for a length of 1231.919 m with a Trench width 0.90m and the Area Required for diversion is 0.111 Hectars.and the Total Area Required for diversion is 0.190Hectars.The Pipe Line alignment is proposed by duly utilizing the "Right of Way" of the existing Road which falls in the Yellandu Reserve Forest and there is no other alternate alignment to propose as the ground levels are not permitting as per the Hydraulic Design.</p>	NOC will be Obtained and submitted from R&B Dept.

3	Kothagudem	Yellandu	2.483	<p>a)The proposed Pipe Line comes under Segment 25/10 of TDWSP (Telangana Drinking Water Supply Project). From Segment 25/10 Pipe Line Net Work, A part of the pipe line is proposed 1)from 178 to 192, falls under Yellandu RF for a length of 1220.789 m with a Trench width 2.8 m the area required for diversion is 0.342 hectares and at 231 for Sump an area 0.481 hectares, and at 235,236 for GLBRs an area 0.168 hectares.2) from 193 and 297 for a length of 336.290 m with a width of 60.00 m the area required for diversion is 2.018 hectares and from 497 to 520 for a length of 1654.461 m with a width of 10.00 m the area required for diversion is 1.492 hect. for Both Pipe line , pathway and structures total area required is 2.483 Hectars.The Pipe Line and structures alignment is proposed by duly utilizing the "Right of Way" of the existing Road which falls in the yellandu Reserve Forest and The Head work-structures is proposed by duly utilizing the "Right of Way" of the existing Road which falls in the Yellandu Reserve</p>	NOC will be Obtained and submitted from R&B Dept.
4	Kothagudem	Yellandu	0.743	<p>a)The proposed Pipe Line comes under Segment 25/10 of TDWSP (Telangana Drinking Water Supply Project). From Segment 25/10 Pipe Line Net Work, A part of the pipe line is proposed 1)from 236 to 265, falls under Yellandu RF for a length of 2298.493 m with a Trench width 0.80m and the Area Required for diversion is 0.184 Hectars.2)from 301 to 318 , falls under Yellandu RF for a length of 1358.235 m with a Trench width 0.70m and the Area Required for diversion is 0.095 Hectars.3)from 266 to 281, and 320 to 332 falls under Yellandu RF for a length of 4401.291 m with a Trench width 1.10m and the Area Required for diversion is 0.464 Hectars.and the Total Area Required for diversion is 0.743Hectars.The Pipe Line alignment is proposed by duly utilizing the "Right of Way" of the existing Road which falls in the Yellandu Reserve Forest and there is no other alternate alignment to propose as the ground levels are not permitting as per the Hydraulic Design.</p>	NOC will be Obtained and submitted from R&B Dept.
5	Kothagudem	Yellandu	0.535	<p>a)The proposed Pipe Line comes under Segment 25/10 of TDWSP (Telangana Drinking Water Supply Project). From Segment 25/10 Pipe Line Net Work, A part of the pipe line is proposed 1)from 333 to 364, falls under Yellandu RF for a length of 1796.484 m with a Trench width 0.70m and the Area Required for diversion is 0.126 Hectars.2)from 369 to 427 , falls under Yellandu RF for a length of 5842.522 m with a Trench width 0.70m and the Area Required for diversion is 0.409 Hectars.and the Total Area Required for diversion is 0.535Hectars.The Pipe Line alignment is proposed by duly utilizing the "Right of Way" of the existing Road which falls in the Yellandu Reserve Forest and there is no other alternate alignment to propose as the ground levels are not permitting as per the Hydraulic Design.</p>	NOC will be Obtained and submitted from R&B Dept.
Total Ha			4.687		



Superintending Engineer
RWS&S ,TDWSP
Khammam

"Counter signed"



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