

## **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 Kothagudem and pinapaka constituencies in Khammam District.

The work "**Providing Drinking water to habitations in Pinapaka & Kothagudem constituencies in Khammam District – Segment 25/7 (Banjara).**"

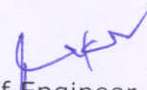
All possible alternate routes for laying of pipelines have been examined and when it is inevitable and no other alternative route except through forest and Structures in the Forest Area is essential to supply clear water through gravity mains to habitations in the Kothagudem and Pinapaka Constituency 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 GLBR and there are no other possible alternative alignment.

**Cost of the Project: 123.51 crores**



Superintending Engineer  
TDWSP Circle Khammam.

"Counter Signed"



Chief Engineer  
TDWSP, Hyderabad

<b>TELANGANA DRINKING WATER SUPPLY PROJECT-SEGMENT Godavari-25 - Khammam DISTRICT</b> <b>JUSTIFICATION REPORT FOR THE DIVERSION OF FOREST LAND IN Godavari SEGMENT- 25 OF Paloncha (WLM) DIVISION</b>						
S.No	Set No	Division	Reserved Forest	Area Proposed for Diversion ( in Hectares)	Justification for the diversion of Forest Land	Remarks
1	1	Paloncha	yanambile	0.343	a) The proposed Pipe Line comes under segment 25 of TDWSP ( Telangana Drinking Water Supply Project ). From segment 25 of TDWSP Pipe Line Net Work, A part of the pipe line is proposed from S20-45 and S46-61 , falls under yanambile RF for a length of 1884.121M and 849.427M with a Trench width 0.70M and S1 to S21 Length of 1692.636M with a width of 0.90M. The total area of Land Diversion required is 0.343 Hectares. . The Pipe Line alignment is proposed by duly utilising the "Right of Way" of the existing Road. Further, there is no other alternate alignment to propose the Pipe Line as the ground levels are not permitting to supply the water by gravity. If any change of alignment, the length of Pipe Line increases abnormally and requires additional pumping, there by cost of Pumping, additional length of Pipe Line Cost, Land acquisition and involvement of other factors makes delay of Project and increases the cost of the Project abnormally. The Pipe Line along the existing Road will always help for future Operation & Maintenance activities.	NOC will be obtained and submitted from PR and R&B Department.
2	2	Paloncha	yanambile	0.823	a) The proposed Pipe Line comes under segment 25 of TDWSP ( Telangana Drinking Water Supply Project ). From segment 25 of TDWSP Pipe Line Net Work, A part of the pipe line is proposed from S21 to 186 falls under yanambile RF for a length of 9135.986M with a Trench width 0.90M . The total area of Land Diversion required is 0.823 Hectares. . The Pipe Line alignment is proposed by duly utilising the "Right of Way" of the existing Road. Further, there is no other alternate alignment to propose the Pipe Line as the ground levels are not permitting to supply the water by gravity. If any change of alignment, the length of Pipe Line increases abnormally and requires additional pumping, there by cost of Pumping, additional length of Pipe Line Cost, Land acquisition and involvement of other factors makes delay of Project and increases the cost of the Project abnormally. The Pipe Line along the existing Road will always help for future Operation & Maintenance activities.	NOC will be obtained and submitted from PR and R&B Department.



3	3	Paloncha	yanambile	0.517	a) The proposed Pipe Line comes under segment 25 of TDWSP ( Telangana Drinking Water Supply Project ). From segment 25 of TDWSP Pipe Line Net Work, A part of the pipe line is proposed from S219-268 falls under yanambile RF for a length of 3354.459M with a Trench width 0.90M and S269 to S295 falls under yanambile RF for a length of 3077.820M with a width of 0.90M. The total area of Land Diversion required is 0.517 Hectares. . The Pipe Line alignment is proposed by duly utilising the "Right of Way" of the existing Road. Further, there is no other alternate alignment to propose the Pipe Line as the ground levels are not permitting to supply the water by gravity. If any change of alignment, the length of Pipe Line increases abnormally and requires additional pumping, there by cost of Pumping, additional length of Pipe Line Cost, Land acquisition and involvement of other factors makes delay of Project and increases the cost of the Project abnormally. The Pipe Line along the existing Road will always help for future Operation & Maintenance activities.	NOC will be obtained and submitted from PR and R&B Department.
4	4	Paloncha	Yanambile and Chatakonda	0.748	a) The proposed Pipe Line comes under segment 25 of TDWSP ( Telangana Drinking Water Supply Project ). From segment 25 of TDWSP Pipe Line Net Work, A part of the pipe line is proposed from S296 to 362 and S379 to 516 falls under yanambile and Chatakonda RF for a length of 10687.437M with a Trench width 0.70M . The total area of Land Diversion required is 0.748 Hectares. . The Pipe Line alignment is proposed by duly utilising the "Right of Way" of the existing Road. Further, there is no other alternate alignment to propose the Pipe Line as the ground levels are not permitting to supply the water by gravity. If any change of alignment, the length of Pipe Line increases abnormally and requires additional pumping, there by cost of Pumping, additional length of Pipe Line Cost, Land acquisition and involvement of other factors makes delay of Project and increases the cost of the Project abnormally. The Pipe Line along the existing Road will always help for future Operation & Maintenance activities.	NOC will be obtained and submitted from PR and R&B Department.
5	5	Paloncha	Chatakonda	0.504	a) The proposed Pipe Line comes under segment 25 of TDWSP ( Telangana Drinking Water Supply Project ). From segment 25 of TDWSP Pipe Line Net Work, A part of the pipe line is proposed from S485 to 668 falls under Chatakonda RF for a length of 7199.245M with a Trench width 0.70M . The total area of Land Diversion required is 0.504 Hectares. . The Pipe Line alignment is proposed by duly utilising the "Right of Way" of the existing Road. Further, there is no other alternate alignment to propose the Pipe Line as the ground levels are not permitting to supply the water by gravity. If any change of alignment, the length of Pipe Line increases abnormally and requires additional pumping, there by cost of Pumping, additional length of Pipe Line Cost, Land acquisition and involvement of other factors makes delay of Project and increases the cost of the Project abnormally. The Pipe Line along the existing Road will always help for future Operation & Maintenance activities.	NOC will be obtained and submitted from PR and R&B Department.



6	6	Paloncha	Chatakonda	0.308	a) The proposed Pipe Line comes under segment 25 of TDWSP ( Telangana Drinking Water Supply Project ). From segment 25 of TDWSP Pipe Line Net Work, A part of the pipe line is proposed from S699-719 falls under Chatakonda RF for a length of 1683.654M with a Trench width 0.90M and S685 to 595 Length of 2224.290M with a width of 0.70M. The total area of Land Diversion required is 0.308 Hectares. . The Pipe Line alignment is proposed by duly utilising the "Right of Way" of the existing Road. Further, there is no other alternate alignment to propose the Pipe Line as the ground levels are not permitting to supply the water by gravity. If any change of alignment, the length of Pipe Line increases abnormally and requires additional pumping, there by cost of Pumping, additional length of Pipe Line Cost, Land acquisition and involvement of other factors makes delay of Project and increases the cost of the Project abnormally. The Pipe Line along the existing Road will always help for future Operation & Maintenance activities.	NOC will be obtained and submitted from PR and R&B Department.
7	7	Paloncha	Chatakonda	0.084	a) The proposed Pipe Line comes under segment 25 of TDWSP ( Telangana Drinking Water Supply Project ). From segment 25 of TDWSP Pipe Line Net Work, A part of the pipe line is proposed from S720 to 725 and S726 to 736 falls under Chatakonda RF for a length of 1199.564M with a Trench width 0.70M . The total area of Land Diversion required is 0.084 Hectares. The Pipe Line alignment is proposed by duly utilising the "Right of Way" of the existing Road. Further, there is no other alternate alignment to propose the Pipe Line as the ground levels are not permitting to supply the water by gravity. If any change of alignment, the length of Pipe Line increases abnormally and requires additional pumping, there by cost of Pumping, additional length of Pipe Line Cost, Land acquisition and involvement of other factors makes delay of Project and increases the cost of the Project abnormally. The Pipe Line along the existing Road will always help for future Operation & Maintenance activities.	NOC will be obtained and submitted from PR and R&B Department.
8	8	Paloncha	Chatakonda	0.63	a) The proposed Pipe Line comes under segment 25 of TDWSP ( Telangana Drinking Water Supply Project ). From segment 25 of TDWSP Pipe Line Net Work, A part of the pipe line is proposed from S761 to 810 and S760 to 834 falls under Chatakonda RF for a length of 9001.223M with a Trench width 0.70M . The total area of Land Diversion required is 0.630 Hectares. The Pipe Line alignment is proposed by duly utilising the "Right of Way" of the existing Road. Further, there is no other alternate alignment to propose the Pipe Line as the ground levels are not permitting to supply the water by gravity. If any change of alignment, the length of Pipe Line increases abnormally and requires additional pumping, there by cost of Pumping, additional length of Pipe Line Cost, Land acquisition and involvement of other factors makes delay of Project and increases the cost of the Project abnormally. The Pipe Line along the existing Road will always help for future Operation & Maintenance activities.	NOC will be obtained and submitted from PR and R&B Department.



9	9	Paloncha	Chatakonda and gundal	0.481	a) The proposed Pipe Line comes under segment 25 of TDWSP ( Telangana Drinking Water Supply Project ). From segment 25 of TDWSP Pipe Line Net Work, A part of the pipe line is proposed from S871 to 963 falls under Chatakonda and Gundal RF for a length of 6865.529M with a Trench width 0.70M . The total area of Land Diversion required is 0.481 Hectares. The Pipe Line alignment is proposed by duly utilising the "Right of Way" of the existing Road. Further, there is no other alternate alignment to propose the Pipe Line as the ground levels are not permitting to supply the water by gravity. If any change of alignment, the length of Pipe Line increases abnormally and requires additional pumping, there by cost of Pumping, additional length of Pipe Line Cost, Land acquisition and involvement of other factors makes delay of Project and increases the cost of the Project abnormally. The Pipe Line along the existing Road will always help for future Operation & Maintenance activities.	NOC will be obtained and submitted from PR and R&B Department.
10	10	Paloncha	Chatakonda	0.212	a) The proposed Pipe Line comes under segment 25 of TDWSP ( Telangana Drinking Water Supply Project ). From segment 25 of TDWSP Pipe Line Net Work, A part of the pipe line is proposed from S893 to 1008 falls under Chatakonda RF for a length of 3031.479M with a Trench width 0.70M . The total area of Land Diversion required is 0.212 Hectares. The Pipe Line alignment is proposed by duly utilising the "Right of Way" of the existing Road. Further, there is no other alternate alignment to propose the Pipe Line as the ground levels are not permitting to supply the water by gravity. If any change of alignment, the length of Pipe Line increases abnormally and requires additional pumping, there by cost of Pumping, additional length of Pipe Line Cost, Land acquisition and involvement of other factors makes delay of Project and increases the cost of the Project abnormally. The Pipe Line along the existing Road will always help for future Operation & Maintenance activities.	NOC will be obtained and submitted from PR and R&B Department.
11	11	Paloncha	Chatakonda and gundal	0.695	a) The proposed Pipe Line comes under segment 25 of TDWSP ( Telangana Drinking Water Supply Project ). From segment 25 of TDWSP Pipe Line Net Work, A part of the pipe line is proposed from S1009 to 1135 falls under Chatakonda and Gundal RF for a length of 9582.209M with a Trench width 0.70 and 0.80M . The total area of Land Diversion required is 0.695 Hectares. The Pipe Line alignment is proposed by duly utilising the "Right of Way" of the existing Road. Further, there is no other alternate alignment to propose the Pipe Line as the ground levels are not permitting to supply the water by gravity. If any change of alignment, the length of Pipe Line increases abnormally and requires additional pumping, there by cost of Pumping, additional length of Pipe Line Cost, Land acquisition and involvement of other factors makes delay of Project and increases the cost of the Project abnormally. The Pipe Line along the existing Road will always help for future Operation & Maintenance activities.	NOC will be obtained and submitted from PR and R&B Department.



12	12	Paloncha	Chatakonda	0.672	a) The proposed Pipe Line comes under segment 25 of TDWSP ( Telangana Drinking Water Supply Project ). From segment 25 of TDWSP Pipe Line Net Work, A part of the pipe line is proposed from S1136 to 1398 falls under Chatakonda RF for a length of 6969.438M with a Trench width 0.70 and 1.00M . The total area of Land Diversion required is 0.672 Hectares. The Pipe Line alignment is proposed by duly utilising the "Right of Way" of the existing Road. Further, there is no other alternate alignment to propose the Pipe Line as the ground levels are not permitting to supply the water by gravity. If any change of alignment, the length of Pipe Line increases abnormally and requires additional pumping, there by cost of Pumping, additional length of Pipe Line Cost, Land acquisition and involvement of other factors makes delay of Project and increases the cost of the Project abnormally. The Pipe Line along the existing Road will always help for future Operation & Maintenance activities.	NOC will be obtained and submitted from PR and R&B Department.
13	13	Paloncha	Chatakonda	0.909	a) The proposed Pipe Line comes under segment 25 of TDWSP ( Telangana Drinking Water Supply Project ). From segment 25 of TDWSP Pipe Line Net Work, A part of the pipe line and structure is proposed from S1304 to 1416 falls under Chatakonda RF for a length of 9483.372M with a Trench width 0.90 and 1.00M . The total area of Land Diversion required is 0.909 Hectares. The Pipe Line alignment is proposed by duly utilising the "Right of Way" of the existing Road. Further, there is no other alternate alignment to propose the Pipe Line as the ground levels are not permitting to supply the water by gravity. If any change of alignment, the length of Pipe Line increases abnormally and requires additional pumping, there by cost of Pumping, additional length of Pipe Line Cost, Land acquisition and involvement of other factors makes delay of Project and increases the cost of the Project abnormally. The Pipe Line along the existing Road will always help for future Operation & Maintenance activities.	NOC will be obtained and submitted from PR and R&B Department.

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