

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 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 - 25/6 (5th incline)"**. 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 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 and gravity mains 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

TELANGANA DRINKING WATER SUPPLY PROJECT-SEGMENT - 25/5 (Thogudem Gutta) - KHAMMAM DISTRICT					
JUSTIFICATION REPORT FOR THE DIVERSION OF FOREST LAND IN Paloncha DIVISION					
S.N	Set No	Division	Reserved Forest	Area Proposed for Diversion (in Hectares)	Justification for the diversion of Forest Land
1	1	Kothagudem	Chatakonda	2.811	a)The proposed Pipe Line comes under Segment 25/6 of TDWSP (Telangana Drinking Water Supply Project). From Segment 25/5 Pipe Line Net Work, A part of the pipe line is proposed 1)from 525 to 548 , falls under Chatakonda RF for a length of 2591.198 m with a Trench width 1.40 m the area required for diversion is 0.363 hectares 2)from 413 to 477 falls under chatakonda RF for a length of 7582.233 m and with a Trench width 1.80m the area required for diversion is 1.365 hectares, 3) from 549 to 590 falls under chatakonda RF for a length of 5000.545m and with a Trench width 1.10m Area Required for diversion is 0.550 Hectars, 4)from 1 to 34 falls under chatakonda RF for a length of 2285.790m and with a Trench width 0.70 m Area Required for diversion is 0.160 Hectars, 5)from 121 to 139 falls under chatakonda RF for a length of 1534.322m and with a Trench width 0.90m Area Required for diversion is 0.138 Hectars, 6)from 140 to 145 falls under chatakonda RF for a length of 248.016m and with a Trench width 0.90m Area Required for diversion is 0.041 hectares, 7)from 277 to 287, falls under Ramavaram RF for a length of 760.615 m with a Trench width 0.70m and Total Area Required for diversion is 0.053 hectares 8)from 219 to 221, falls under Ramavaram RF for a length of 419.318 m with a Trench width 0.70m and Total Area Required for diversion is 0.029 hectares The Pipe Line and structures alignment is proposed by duly utilizing the "Right of Way" of the existing Road which falls in the Ramavaram Reserve Forest and there is no other alternate alignment to propose as the ground levels are not permitting as per the Hydraulic Design.
2	2	Khammam	chimalapad	0.372	a) The proposed Pipe Line comes under Segment 25/6 of TDWSP (Telangana Drinking Water Supply Project). From Segment 25/6 Pipe Line Net Work, A part of the pipe line is proposed 1)from 36 to 66 , falls under Chimalapadu RF for a length of 2265.150 m with a Trench width 0.70m and the Total Area Required for diversion is 0.159 hectares, 2)from 386 to 365 , falls under Chimalapadu RF for a length of 2095.916 m with a Trench width 0.70m and the Total Area Required for diversion is 0.147 hectares 3)from 367 to 371 , falls under Chimalapadu RF for a length of 181.327 m with a Trench width 0.70m and the Total Area Required for diversion is 0.013 hectares 4)from 373 to 381 , falls under Chimalapadu RF for a length of 759.548 m with a Trench width 0.70m and the Total Area Required for diversion is 0.053 hectares The Pipe Line and structures alignment is proposed by duly utilizing the "Right of Way" of the existing Road which falls in the Chimalapad Forest and there is no other alternate alignment to propose as the ground levels are not permitting as per the Hydraulic Design.
					NOC will be Obtained and submitted from PR and NH Dept.

3	3	Kothagudem	Ramvaram	0.965	a) The proposed Pipe Line comes under Segment 25/6 of TDWSP (Telangana Drinking Water Supply Project). From Segment 25/6 Pipe Line Net Work, A part of the pipe line is proposed 1) from 201 to 210 and 275, falls under Ramavaram RF for a length of 699.425 m with a Trench width 0.90m and the Total Area Required for diversion is 0.063 Hectars, 2) from 277 and 299 falls under Ramavaram RF for a length of 1050.822m with a Trench width 0.90 m total area required is 0.095 hectars, 3) from 238 to 273, falls under Ramavaram RF for a length of 3146.908m with a Trench width 0.70m and Total Area Required for diversion is 0.220 hectars, 4) from 146 to 195, falls under Ramavaram RF for a length of 4075.844m with a Trench width 0.70m and Total Area Required for diversion is 0.285 hectars, 5) from 196 to 331, falls under Ramavaram RF for a length of 2563.859 m with a Trench width 0.70m and Total Area Required for diversion is 0.179 hectars, 6) from 232 to 276, falls under Ramavaram RF for a length of 581.609 m with a Trench width 0.70m and Total Area Required for diversion is 0.041 hectars, 7) from 277 to 287, falls under Ramavaram RF for a length of 760.615 m with a Trench width 0.70m and Total Area Required for diversion is 0.053 hectars 8) from 219 to 221, falls under Ramavaram RF for a length of 419.318 m with a Trench width 0.70m and Total Area Required for diversion is 0.029 hectars. The Pipe Line and structures alignment is proposed by duly utilizing the "Right of Way" of the existing Road which falls in the Ramvaram Reserve Forest and there is no other alternate alignment to propose as the ground levels are not permitting as per the Hydraulic Design.	NOC will be Obtained and submitted from PR Dept.
Total Ha				4.148		

"Counter signed"

Chief Engineer
RWS&S, TDWSP Hyderabad

Superintending Engineer
RWS&S, TDWSP
Khammam