

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 **Aswaraopeta** 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 - 25/13(RC.Puram at Danaula 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 Structures in the Forest Area is essential to supply clear water through gravity mains to habitations in the Aswaraopeta 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: 251.99 crores



Superintending Engineer
TDWSP Circle Khammam.

"Counter Signed"



Chief Engineer
TDWSP, Hyderabad

TELANGANA DRINKING WATER SUPPLY PROJECT-SEGMENT - 25/13 (RC.Puram at Danaulagutta) - KHAMMAM DISTRICT						
JUSTIFICATION REPORT FOR THE DIVERSION OF FOREST LAND IN KOTHAGUDEM & KHAMMAM DIVISIONS						
S.No	Set No	Division	Reserved Forest	Area Proposed for Diversion (in Hectares)	Justification for the diversion of Forest Land	Remarks
1	1	KOTHAGUDEM	KOTHAGUDEM	0.468	a)The proposed Pipe Line comes under Segment 25/13 of TDWSP (Telangana Drinking Water Supply Project). From Segment 25/13 Pipe Line Net Work, A part of the pipe line is proposed 1)from 1 to 19, falls under Khammam RF for a length of 1231.686 m with a Trench width1.50m and dia of the pipe 700/180 Total Area Required for diversion is 0.468 Hectares.The Pipe Line alignment is proposed by duly utilizing the "Right of Way" of the existing Road which falls in the khammam 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 and NH Dept.
2	2	KOTHAGUDEM	KOTHAGUDEM	0.637	a)The proposed Pipe Line comes under Segment 25/13 of TDWSP (Telangana Drinking Water Supply Project). From Segment 25/13 Pipe Line Net Work, A part of the pipe line is proposed 1)from 20 to 103, falls under Khammam RF for a length of 5792.318 m with a Trench width1.10 m and dia of the pipe 700/180 Total Area Required for diversion is 0.637 Hectares.The Pipe Line alignment is proposed by duly utilizing the "Right of Way" of the existing Road which falls in the khammam 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 and NH Dept.
3	3	KOTHAGUDEM	KOTHAGUDEM	0.051	a)The proposed Pipe Line comes under Segment 25/13 of TDWSP (Telangana Drinking Water Supply Project). From Segment 25/13 Pipe Line Net Work, A part of the pipe line is proposed 1)from 104 to 118, falls under khammam RF for a length of 725.266 m with a Trench width0.70m and dia of the pipe 700/180 Total Area Required for diversion is 0.051 Hectares.The Pipe Line alignment is proposed by duly utilizing the "Right of Way" of the existing Road which falls in the khammam 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 and NH Dept.
4	4	KHAMMAM	KHAMMAM	0.675	a)The proposed Pipe Line comes under Segment 25/13 of TDWSP (Telangana Drinking Water Supply Project). From Segment 25/13 Pipe Line Net Work, A part of the pipe line is proposed 1)from 119 to 201, falls under khammam RF for a length of 5564.40 m with a Trench width1.30/ 0.80m and dia of the pipe 700/180 Total Area Required for diversion is 0.675 Hectares.The Pipe Line alignment is proposed by duly utilizing the "Right of Way" of the existing Road which falls in the khammam 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 and NH Dept.

5	5	KHAMMAM	KHAMMAM	0.448	a)The proposed Pipe Line comes under Segment 25/13 of TDWSP (Telangana Drinking Water Supply Project). From Segment 25/13 Pipe Line Net Work, A part of the pipe line is proposed 1)from 202 to 256, falls under khammam RF for a length of 5595.052 m with a Trench width 0.80m and dia of the pipe 180 Total Area Required for diversion is 0.448 Hectars.The Pipe Line alignment is proposed by duly utilizing the "Right of Way" of the existing Road which falls in the khammam 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 R&B Dept.
6	6	KHAMMAM	KHAMMAM	0.252	a)The proposed Pipe Line comes under Segment 25/13 of TDWSP (Telangana Drinking Water Supply Project). From Segment 25/13 Pipe Line Net Work, A part of the pipe line is proposed 1)from 257 to 289, falls under khammam RF for a length of 3294.267 m with a Trench width 0.7/0.80m and dia of the pipe 63/180 Total Area Required for diversion is 0.252 Hectars.The Pipe Line alignment is proposed by duly utilizing the "Right of Way" of the existing Road which falls in the khammam 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 R&B Dept.
7	7	KHAMMAM	KHAMMAM	1.024	a)The proposed Pipe Line comes under Segment 25/13 of TDWSP (Telangana Drinking Water Supply Project). From Segment 25/13 Pipe Line Net Work, A part of the pipe line is proposed 1)from 290 to 360, falls under khammam RF for a length of 7298.837 m with a Trench width 0.70/ 1.50m and dia of the pipe 63/300 Total Area Required for diversion is 1.024 Hectars.The Pipe Line alignment is proposed by duly utilizing the "Right of Way" of the existing Road which falls in the khammam 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 R&B Dept.
8	8	KHAMMAM	KHAMMAM	0.148	a)The proposed Pipe Line comes under Segment 25/13 of TDWSP (Telangana Drinking Water Supply Project). From Segment 25/13 Pipe Line Net Work, A part of the pipe line is proposed 1)from 361 to 388, falls under khammam RF for a length of 2120.51 m with a Trench width 0.70m and dia of the pipe 75/63 Total Area Required for diversion is 0.148 Hectars.The Pipe Line alignment is proposed by duly utilizing the "Right of Way" of the existing Road which falls in the khammam 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 R&B Dept.
9	9	KHAMMAM	KHAMMAM	0.261	a)The proposed Pipe Line comes under Segment 25/13 of TDWSP (Telangana Drinking Water Supply Project). From Segment 25/13 Pipe Line Net Work, A part of the pipe line is proposed 1)from 389 to 430, falls under khammam RF for a length of 3723.687 m with a Trench width 0.70m and dia of the pipe 140 Total Area Required for diversion is 0.261 Hectars.The Pipe Line alignment is proposed by duly utilizing the "Right of Way" of the existing Road which falls in the khammam 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 R&B Dept.
Total Ha				3.964		

"Counter signed"

Chief Engineer
RWS&S, TDWSP Hyderabad

Superintending Engineer
RWS&S, TDWSP
Khammam