

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 - 25/14 (Balarajugutta)"**. 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 - 25/5 (Thogudem Gutta) - KHAMMAM DISTRICT

JUSTIFICATION REPORT FOR THE DIVERSION OF FOREST LAND IN PALVANCHA & 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	KHAMMAM	Khammam	1.247	a)The proposed Pipe Line comes under Segment 25/14 of TDWSP (Telangana Drinking Water Supply Project). From Segment 25/14 Pipe Line Net Work, A part of the pipe line is proposed 1)from 1 to 51, falls under khammam RF for a length of 3541.417 m with a Trench width 0.80m and pipe dia 0.70/1.20/8.0 the Total Area Required for diversion is 1.247 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. proposed pipe line in 0.43 Hc and proposed area for structure 0.817 Hc	NOC will be Obtained and submitted from PR and NH Dept.
2	2	KHAMMAM	Khammam	0.114	a)The proposed Pipe Line comes under Segment 25/14 of TDWSP (Telangana Drinking Water Supply Project). From Segment 25/14 Pipe Line Net Work, A part of the pipe line is proposed 1)from 52 to 84, falls under khammam RF for a length of 2060.519 m with a Trench width 0.7 m and pipe dia 0.70/1.20/8.0 the Total Area Required for diversion is 0.114 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 PR and NH Dept.
3	3	KHAMMAM	Khammam	0.515	a)The proposed Pipe Line comes under Segment 25/14 of TDWSP (Telangana Drinking Water Supply Project). From Segment 25/14 Pipe Line Net Work, A part of the pipe line is proposed 1)from 85 to 178, falls under khammam RF for a length of 6488.002 m with a Trench width 0.70/0.9m and pipe dia 63/700 the Total Area Required for diversion is 0.515 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 PR and NH Dept.
4	4	KHAMMAM	Khammam	0.672	a)The proposed Pipe Line comes under Segment 25/14 of TDWSP (Telangana Drinking Water Supply Project). From Segment 25/14 Pipe Line Net Work, A part of the pipe line is proposed 1)from 179 to 267, falls under khammam RF for a length of 4962.34 m with a Trench width 0.1.10m and pipe dia 300 the Total Area Required for diversion is 0.672 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 PR and NH Dept.

5	5	KHAMMAM	Khammam	0.28	<p>a) The proposed Pipe Line comes under Segment 25/14 of TDWSP (Telangana Drinking Water Supply Project). From Segment 25/14 Pipe Line Net Work, A part of the pipe line is proposed 1) from 268 to 320, falls under khammam RF for a length of 9994.41 m with a Trench width 0.7m and pipe dia 63/90 the Total Area Required for diversion is 0.280 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.</p> <p>a) The proposed Pipe Line comes under Segment 25/14 of TDWSP (Telangana Drinking Water Supply Project). From Segment 25/14 Pipe Line Net Work, A part of the pipe line is proposed 1) from 321 to 378, falls under palvancha RF for a length of 3518.282 m with a Trench width 0.7m and pipe dia 110/90 the Total Area Required for diversion is 0.246 Hectars. The Pipe Line alignment is proposed by duly utilizing the "Right of Way" of the existing Road which falls in the palvancha 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 PR and NH Dept.
6	6	Palvancha	Palvancha	0.246	<p>a) The proposed Pipe Line comes under Segment 25/14 of TDWSP (Telangana Drinking Water Supply Project). From Segment 25/14 Pipe Line Net Work, A part of the pipe line is proposed 1) from 379 to 467, falls under khammam RF for a length of 3818.706 m with a Trench width 0.70m and pipe dia 90/125 the Total Area Required for diversion is 0.471 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.</p>	NOC will be Obtained and submitted from PR and NH Dept.
7	7	KHAMMAM	Khammam	0.471	<p>a) The proposed Pipe Line comes under Segment 25/14 of TDWSP (Telangana Drinking Water Supply Project). From Segment 25/14 Pipe Line Net Work, A part of the pipe line is proposed 1) from 468 to 512, falls under khammam RF for a length of 1963.89 m with a Trench width 0.80/0.90m and pipe dia 200/250 the Total Area Required for diversion is 1.247 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.</p>	NOC will be Obtained and submitted from PR and NH Dept.
8	8	KHAMMAM	Khammam	0.165	<p>a) The proposed Pipe Line comes under Segment 25/14 of TDWSP (Telangana Drinking Water Supply Project). From Segment 25/14 Pipe Line Net Work, A part of the pipe line is proposed 1) from 513 to 729, falls under khammam RF for a length of 12606.68 m with a Trench width 0.70m and pipe dia 63/90/125 the Total Area Required for diversion is 0.920 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.</p>	NOC will be Obtained and submitted from R&B Dept.
Total Ha				4.660		


 Superintending Engineer
 RWS&S, TDWSP
 Khammam

"Counter signed"


 Chief Engineer
 RWS&S, TDWSP Hyderabad