

Justification for location of the project in forest area

The Telangana Drinking water 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 Pinapaka constituency in Khammam dist.

The work **"Providing Providing D.W.to habitations in Godavari and pusuru segments coverin Bhadrachalam, Pinapaka ,Aswaraopeta, Sathupally (part), Kothagudem ,Yellandu, Wyr (part) constituencies in Khammam District-Segment - 25/3.(Burgampadu)"** 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 Water Treatment plant Structures in the Forest Area is essential to treat the raw water then supply clear water through gravity mains to habitations in the 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 water treatment plant and there are no other possible alternative alignment.

Cost of the Project: 2250.02 crores



Superintending Engineer
RWS&S TDWSP,
Khammam Circle.

"Counter Signed"



Chief Engineer
RWS&S TDWSP, Hyderabad

TELANGANA DRINKING WATER SUPPLY PROJECT-SEGMENT - 25/2,(Manuguru) - KHAMMAM DISTRICT

JUSTIFICATION REPORT FOR THE DIVERSION OF FOREST LAND IN PALVANCHA DIVISION

S.No	Set No	Division	Reserved Forest	Area Proposed for Diversion(	Justification for the diversion of Forest Land	Remarks
1	1	Palvancha	Radham gutta	0.147	a) The proposed Pipe Line comes under Segment 25/2 of TDWSP (Telangana Drinking Water Supply Project). From Segment 25/2 Pipe Line Net Work, A part of the pipe line is proposed falls under Radhamgutta RF for a length of 2100.85 M and with a Trench width 0.70, 0.80, 0.90, 1.00 & 1.20 M and the Total Area Required for diversion is 0.147 Hectars .The Pipe Line and structures alignment is proposed by duly utilizing the "Right of Way" of the existing Road which falls in the Radham gutta Reserve Forest and The Head work structures is proposed by duly utilizing the "Right of Way" of the existing Road which falls in the Radham gutta Reserve Forest. And, there is no other alternate alignment to propose as the ground levels are not permitting as per the Hydraulic Design.	NOC not required as the existing road is laid before 1980
2	2	Palvancha	Radham gutta	0.745	a) The proposed Pipe Line comes under Segment 25/2 of TDWSP (Telangana Drinking Water Supply Project). From Segment 25/2 Pipe Line Net Work, A part of the pipe line is proposed , falls under Rathamgutta RF for a length of 9302.952 M and with a Trench width 0.70, 0.8, 0.9, 1.0 & 1.2 M and the Total Area Required for diversion is 0.745 Hectars. The Pipe Line alignment is proposed by duly utilizing the "Right of Way" of the existing Road which falls in the Rathamgutta Reserve Forest. And, there is no other alternate alignment to propose as the ground levels are not permitting as per the Hydraulic Design.	NOC not required as the existing road is laid before 1980
3	3	Palvancha	Radham gutta	1.296	a) The proposed Pipe Line comes under Segment 25/2 of TDWSP (Telangana Drinking Water Supply Project). From Segment 25/2 Pipe Line Net Work, A part of the pipe line is proposed , falls under Radhamgutta RF for a length of 1769.105M and with a Trench width 0.70, 0.80, 0.90, 1.00 & 1.20 M and the Total Area Required for diversion is 1.296Hectars and from 1 to 224 for Head Works dimensions of 25M dia of area 1.296 hectars and Both Pipe line and Head Works Total area required is 1.296 (1.101+0.195) Hectars .The Pipe Line and structures alignment is proposed by duly utilizing the "Right of Way" of the existing Road which falls in the Radham gutta Reserve Forest and The Head work structures is proposed by duly utilizing the "Right of Way" of the existing Road which falls in the Radham gutta Reserve Forest. And, there is no other alternate alignment to propose as the ground levels are not permitting as per the Hydraulic Design.	NOC not required as the existing road is laid before 1980

4	4	Palvancha	Radham gutta	0.854	a) The proposed Pipe Line comes under Segment 25/2 of TDWSP (Telangana Drinking Water Supply Project). From Segment 25/2 Pipe Line Net Work, A part of the pipe line is proposed , falls under Rathamgutta RF for a length of 9345.754 M and with a Trench width 0.70, 0.8, 0.9, 1.0 & 1.2 M and the Total Area Required for diversion is 0.854 Hectars. The Pipe Line alignment is proposed by duly utilizing the "Right of Way" of the existing Road which falls in the Rathamgutta Reserve Forest. And, there is no other alternate alignment to propose as the ground levels are not permitting as per the Hydraulic Design.	NOC not required as the existing road is laid before 1980
5	5	Palvancha	Radham gutta	0.551	a) The proposed Pipe Line comes under Segment 25/2 of TDWSP (Telangana Drinking Water Supply Project). From Segment 25/2 Pipe Line Net Work, A part of the pipe line is proposed , falls under Rathamgutta RF for a length of 7884.590 M and with a Trench width 0.70, 0.8, 0.9, 1.0 & 1.2 M and the Total Area Required for diversion is 0.551 Hectars. The Pipe Line alignment is proposed by duly utilizing the "Right of Way" of the existing Road which falls in the Rathamgutta Reserve Forest. And, there is no other alternate alignment to propose as the ground levels are not permitting as per the Hydraulic Design.	NOC not required as the existing road is laid before 1980
6	6	Palvancha	Radham gutta	0.104	a) The proposed Pipe Line comes under Segment 25/2 of TDWSP (Telangana Drinking Water Supply Project). From Segment 25/2 Pipe Line Net Work, A part of the pipe line is proposed , falls under Rathamgutta RF for a length of 1294.806 M and with a Trench width 0.70, 0.8, 0.9, 1.0 & 1.2 M and the Total Area Required for diversion is 0.104 Hectars. The Pipe Line alignment is proposed by duly utilizing the "Right of Way" of the existing Road which falls in the Rathamgutta Reserve Forest. And, there is no other alternate alignment to propose as the ground levels are not permitting as per the Hydraulic Design.	NOC not required as the existing road is laid before 1980
7	7	Palvancha	Radham gutta	0.074	a) The proposed Pipe Line comes under Segment 25/2 of TDWSP (Telangana Drinking Water Supply Project). From Segment 25/2 Pipe Line Net Work, A part of the pipe line is proposed , falls under Rathamgutta RF for a length of 1060.193 M and with a Trench width 0.70, 0.8, 0.9, 1.0 & 1.2 M and the Total Area Required for diversion is 0.074 Hectars. The Pipe Line alignment is proposed by duly utilizing the "Right of Way" of the existing Road which falls in the Rathamgutta Reserve Forest. And, there is no other alternate alignment to propose as the ground levels are not permitting as per the Hydraulic Design.	NOC not required as the existing road is laid before 1980

8	8	Palvancha	Radham gutta	0.518	a) The proposed Pipe Line comes under Segment 25/2 of TDWSP (Telangana Drinking Water Supply Project). From Segment 25/2 Pipe Line Net Work, A part of the pipe line is proposed , falls under Rathamgutta RF for a length of 5997.388 M and with a Trench width 0.70, 0.8, 0.9, 1.0 & 1.2 M and the Total Area Required for diversion is 0.518 Hectars. The Pipe Line alignment is proposed by duly utilizing the "Right of Way" of the existing Road which falls in the Rathamgutta Reserve Forest. And, there is no other alternate alignment to propose as the ground levels are not permitting as per the Hydraulic Design.	NOC not required as the existing road is laid before 1980
9	9	Palvancha	Radham gutta	0.231	a) The proposed Pipe Line comes under Segment 25/2 of TDWSP (Telangana Drinking Water Supply Project). From Segment 25/2 Pipe Line Net Work, A part of the pipe line is proposed , falls under Rathamgutta RF for a length of 3306.418 M and with a Trench width 0.70, 0.8, 0.9, 1.0 & 1.2 M and the Total Area Required for diversion is 0.231 Hectars. The Pipe Line alignment is proposed by duly utilizing the "Right of Way" of the existing Road which falls in the Rathamgutta Reserve Forest. And, there is no other alternate alignment to propose as the ground levels are not permitting as per the Hydraulic Design.	NOC not required as the existing road is laid before 1980
Total Ha				4.520		

"Counter Signed"

Superintending Engineer
TDWSP Circle,Khammam

Chief Engineer
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