# GOVERNMENT OF TELANGANA
# RURAL WATER SUPPLY AND SANITATION DEPARTMENT
## Justification for location the project in forest area

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| Justification for location of the project in forest area : | The proposed "**Laying of Pipe Line and Construction of Other Structures for safe Drinking Water in Nizamabad District –Lingampet, Segment 12/5.**" have no other alternative routes to cover all the habitations and the proposed Pipelines and Structures in the Forest Area are essential to cover all the habitations in segment-12/5 Lingampet of the Nizamabad District as per the Hydraulic Designs and Topography of the Area the proposed locations are very much essential and there are no other alternative alignments. |
| Cost of the Project. | Rs. 200.00 Crores. |

Executive Engineer,
TDWSP,
Banswada Division.

Superintending Engineer,
TDWSP, Nirmal Circle.

"Counter Signed"

Chief Engineer
RWS&S TDWSP,Hyderabad

## TELANGANA DRINKING WATER SUPPLY PROJECT-SEGMENT SINGOOR- JUKKAL - 12 - NIZAMABAD DISTRICT

## JUSTIFICATION REPORT FOR THE DIVERSION OF FOREST LAND IN LINGAMPET SEGMENT- 12/5 OF LINGAMPET DIVISION

| S.No | Set No | Sub Segment | Division | Reserved Forest | Area Proposed for Diversion( in Hectares) | Justification for the diversion of Forest Land | Remarks |
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| 1 | 1 | 5 | Kamareddy | Ramayapalli | 0.702 | a) The prposed Pipe Line comes under Segment 12 of TDWSP ( Telangana Drinking Water Supply Project ). From Segment 12 of TDWSP Pipe Line Net Work, A part of the pipe line is proposed from S1-45 to S1-40 ( The Line From Potaipally X Rd to Ramayampally X Rd. & Potaipally X Rd to Polkampet Jn ), S1-8 to S1-1(The line from Ramaipalli (v) Jn to Ramaipalli (V)), S1-24 to S1-51 (The Line from Kanapur Jn to Kanapur Village) falls under **Ramayampally RF** for a length of 7251.547 M and with a Trench width 0.80M /1.0M. The total area of Land Diversion required is **0.702** 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 pemitting 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 aquistion 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 & Maintinance activities. | NOC will be obtained and submitted from PR and R&B Department. |
| 2 | 2 | 5 | Kamareddy | Yellareddy | 0.914 | a) The prposed Pipe Line comes under Segment 12 of TDWSP ( Telangana Drinking Water Supply Project ). A part of the pipe line proposed from S2-99 to S2-107 ( The Line From Shettipally Jn to Lingampet X Rd ), S2-131 to S2-57 ( Pipe Line from Kottal Jn to Lingampet X Rd), S2-124 to S2 - 120 ( Pipeline from Kottal Jn to Janakampally Jn), S2 -132 to S2-98 and S2- 87 to S2-108 ( The Line from Chintalgutta Jn. to Laxma Naik T Jn), falls under **Yellareddy RF** for a length of 9145.973 M and with a Trench width 1.0M and the Total Area Required for diversion is **0.914** Hectars. The Pipe Line alignment is proposed by duly utilising the "Right of Way" of the existing Road. The Pipe Line along the existing Road will help for future Operation & Maintinance activities. Further, there is no other alternate alignment to propose as the ground levels are not pemitting as per the Hydraulic Design and the length of the Pipe Line increases abnormally if any change of alignment and requires additional pumping which is not economical. | NOC will be obtained and submitted from PR and R&B Department. |

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| 3 | 3 | 5 | Kamareddy | Yellareddy | 0.282 | a) The prposed Pipe Line comes under Segment 12 of TDWSP ( Telangana Drinking Water Supply Project ). A part of the pipe line proposed from S3-158 to S3-159 ( The Line From Nallamadugu X Rd to Nallamadugu Jn ), S3- 157 to S3-156 ( The Line from Chintalgutta Jn. to Laxma Naik T Jn) falls under **Yellareddy RF** for a length of 2829.388 M and with a Trench width 1.0 M and the Total Area Required for diversion is **0.282** Hectars. 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 as the ground levels are not pemitting as per the Hydraulic Design and the length of the Pipe Line increases abnormally if any change of alignment and requires additional pumping which is not economical. The Pipe Line along the existing Road will help for future Operation & Maintinance activities | NOC will be obtained and submitted from PR and R&B Department. |
| 4 | 4 | 5 | Kamareddy | Yellareddy | 0.265 | a) The prposed Pipe Line comes under Segment 12 of TDWSP ( Telangana Drinking Water Supply Project ). From Segment of TDWSP Pipe Line Net Work, A part of the pipe line proposed from S4-160 to S4-189 (i.e., The Pipe Line from Ekkapally Jn to Bollaram Jn ) falls under **Yellareddy RF** for a length of 2647.836 M and with a Trench width 1.0 M. The total area of Land diversion required is **0.265**Hec. The Pipe Line alignment proposed is to lay the Pipe Line in the "Right of Way" of the existing Road, and there is no other alternate alignment to propose as the Ground Levels are not permitting the Treated Water Supply by gravity. | NOC will be obtained and submitted from PR and R&B Department. |
| 5 | 5 | 5 | Kamareddy | Yellareddy | 0.188 | a) The prposed Pipe Line comes under Segment 12 of TDWSP ( Telangana Drinking Water Supply Project ). From Segment of TDWSP Pipe Line Net Work, A part of the pipe line proposed from S5- 190 to S5-200 (i.e., The Pipe Line from Thimapur Jn to Thimapur Hillock ) falls under **Yellareddy RF** for a length of 235.499 M and with a Trench width 5.0 M. The total area of Land diversion required is **0.188** Hec. One Break Pressure Tank is proposed at the Timmapur Hillock at an Elevation + 499 M at S5- 190 which is available only on the Thimapur Hillock which falls in the Yellareddy RF, this Break Pressure Tank is very much essential to cut down the high pressures in the Pipe Line Net Work. Further, there is no other alternate alignment to propose as the ground levels are not pemitting as per the Hydraulic Design and if any change of alignment, the length of the Pipe Line increases abnormally and requires additional pumping which is not economical. The Pipe Line along the existing Road will help for future Operation & Maintinance activities. | NOC will be obtained and submitted from PR and R&B Department. |

Executive Engineer
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"Counter Signed"

Chief Engineer
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