

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


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 Medak District – Segment 10/4.**"


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-10D of the Medak 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. 700.00 Crores.


Superintending Engineer,
RWS&S TDWSP,
Medak.

"Counter Signed"


Chief Engineer
RWS&S TDWSP, Hyderabad

Location wise Justification for the project in the Forest Area-Dubbak Grid(10/4) Medak Division

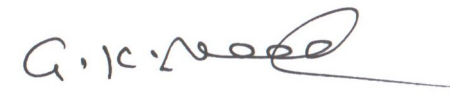
Sl No	Set No	Proposed Reach	Merits/Demerits	Alternative Alignment	Justification
1		3	4	5	6
1	1	<u>Achmaipally to Parushuramnagar</u> (125 mm dia pipeline)	This path is located in the forest area and it is the only alternative to approach the Village	There is no other alternative alignment	The Proposed pipeline comes under Segment 10/4 of TDWSP (Telangana Drinking Water Supply Project).From segment 10/4 of TDWSP pipeline Network, a part of the pipeline (ie,The pipeline From Achmaayipalli to Parushuramnagar) falls under Cheekode RF, Comp No 221 for a length of 1572.878 mts with trench width 0.90 mts.The total area of land diversion required is 0.142 Hec.The pipeline alignment proposed lay the pipeline is in the "RIGHT OF WAY" of the Existing road and There is "NO" other alternate alignment to propose the pipeline as the levels are not permitting to supply the treated water by Gravity,if any change of alignment the length of pipeline increases abnormally and requires additional pumping ,there by cost of pumping ,additional length of pipeline cost increases and the project cost increases abnormally.
2	2	<u>Vallur to Vallabhapur Village</u> (300 mm dia pipeline)	This path is located in the forest area and it is the only alternative to approach the Village	There is no other alternative alignment	The Proposed pipeline comes under Segment 10/4 of TDWSP (Telangana Drinking Water Supply Project).From segment 10/4 of TDWSP pipeline Network, a part of pipeline (ie,The pipeline From Vallur to Vallabhapur) falls under Ibrahimpur RF, Comp No 151 for a length of 1525.803 mts with trench width 1.0 mts.The total area of land diversion required is 0.153 Hec.The pipeline alignment proposed lay the pipeline is in the "RIGHT OF WAY" of the Existing road and There is "NO" other alternate alignment to propose the pipeline as the levels are not permitting to supply the treated water by Gravity,if any change of alignment the length of pipeline increases abnormally and requires additional pumping ,there by cost of pumping ,additional length of pipeline cost increases and the project cost increases abnormally.
3	2	<u>Ibrahimpur Jn To Bheemraopally</u> (125mm dia Pipeline)	This path is located in the forest area and it is the only alternative to approach the Village	There is no other alternative alignment	The Proposed pipeline comes under Segment 10/4 of TDWSP (Telangana Drinking Water Supply Project).From segment 10/4 of TDWSP pipeline Network, a part of the pipeline proposed (ie,The pipeline From Ibrahimpur Jn To Bheemraopally) falls under Ibrahimpur RF Comp No 153 for a length of 1869.325 mts with trench width 0.90 mts.The total area of land diversion required is 0.168 Hec.The pipeline alignment proposed lay the pipeline is in the "RIGHT OF WAY" of the Existing road and There is "NO" other alternate alignment to propose the pipeline as the levels are not permitting to supply the treated water by Gravity,if any change of alignment the length of pipeline increases abnormally and requires additional pumping ,there by cost of pumping ,additional length of pipeline cost increases and the project cost increases abnormally.

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4	3	Induprial To Konapur (300 mm dia pipeline)	This path is located in the forest area and it is the only alternative to approach the Village	There is no other alternative alignment	The Proposed pipeline comes under Segment 10/4 of TDWSP (Telangana Drinking Water Supply Project).From segment 10/4 of TDWSP pipeline Network, a part of the pipeline proposed (ie,The pipeline From Induprial to Konapur) falls under Godugupally RF, Comp No204 for a length of 1549.582 mts with trench width 1.00 mts.The total area of land diversion required is 0.155 Hec.The pipeline alignment proposed lay the pipeline is in the "RIGHT OF WAY" of the Existing road and There is "NO" other alternate alignment to propose the pipeline as the levels are not permitting tosupply the treated water by Gravity,if any change of alignment the length of pipeline increases abnormally and requires additional pumping ,there by cost of pumping ,additional length of pipeline cost increases and the project cost increases abnormally.
5	3	Induprial To Konapur (300 mm dia pipeline)	This path is located in the forest area and it is the only alternative to approach the Village	There is no other alternative alignment	The Proposed pipeline comes under Segment 10/4 of TDWSP (Telangana Drinking Water Supply Project).From segment 10/4 of TDWSP pipeline Network, a part of the pipeline proposed (ie,The pipeline From Induprial to Konapur) falls under Godugupally RF, Comp No 204 for a length of 692.275 mts with trench width1.00 mts.The total area of land diversion required is 0.069 Hec.The pipeline alignment proposed lay the pipeline is in the "RIGHT OF WAY" of the Existing road and There is "NO" other alternate alignment to propose the pipeline as the levels are not permitting tosupply the treated water by Gravity,if any change of alignment the length of pipeline increases abnormally and requires additional pumping ,there by cost of pumping ,additional length of pipeline cost increases and the project cost increases abnormally.
6	3	Waddepally to Godugupally X Road (300 mm dia pipeline)	This path is located in the forest area and it is the only alternative to approach the Village	There is no other alternative alignment	The Proposed pipeline comes under Segment 10/4 of TDWSP (Telangana Drinking Water Supply Project).From segment 10/4 of TDWSP pipeline Network, a part of the pipeline proposed (ie,The pipeline From Waddepally to Godugupally X Road) falls under Induprial RF, Comp No203 for a length of 2525.830 mts with trench width 1.00 mts.The total area of land diversion required is 0.253 Hec.The pipeline alignment proposed lay the pipeline is in the "RIGHT OF WAY" of the Existing road and There is "NO" other alternate alignment to propose the pipeline as the levels are not permitting tosupply the treated water by Gravity,if any change of alignment the length of pipeline increases abnormally and requires additional pumping ,there by cost of pumping ,additional length of pipeline cost increases and the project cost increases abnormally.
7	3	Waddepally to Godugupally X Road (300 mm dia pipeline)	This path is located in the forest area and it is the only alternative to approach the Village	There is no other alternative alignment	The Proposed pipeline comes under Segment 10/4 of TDWSP (Telangana Drinking Water Supply Project).From segment 10/4 of TDWSP pipeline Network, a part of the pipeline proposed (ie,The pipeline From Waddepally to Godugupally X Road) falls under Induprial RF, Comp No 203 for a length of 2493.441 mts with trench width 1.00 mts.The total area of land diversion required is 0.249 Hec.The pipeline alignment proposed lay the pipeline is in the "RIGHT OF WAY" of the Existing road and There is "NO" other alternate alignment to propose the pipeline as the levels are not permitting tosupply the treated water by Gravity,if any change of alignment the length of pipeline increases abnormally and requires additional pumping ,there by cost of pumping ,additional length of pipeline cost increases and the project cost increases abnormally.

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8	4	Waddepally to Induprial (2nos 300 mm dia Pipeline)	This path is located in the forest area and it is the only alternative to approach the Village	There is no other alternative alignment	The Proposed pipeline comes under Segment 10/4 of TDWSP (Telangana Drinking Water Supply Project).From segment 10/4 of TDWSP pipeline Network, a part of the pipeline proposed (ie,The pipeline From Waddepally to Induprial)falls under Induprial RF Comp No 201 for a length of 3333.963 mts with trench width 2.00 mts.The total area of land diversion required is 0.667 Hec.The pipeline alignment proposed lay the pipeline is in the "RIGHT OF WAY" of the Existing road and There is "NO" other alternate alignment to propose the pipeline as the levels are not permitting tosupply the treated water by Gravity,if any change of alignment the length of pipeline increases abnormally and requires additional pumping ,there by cost of pumping ,additional length of pipeline cost increases and the project cost increases abnormally.
9	4	Waddepally to Induprial (4nos 300 mm dia, 600mm dia, 400 mm dia Pipeline)	This path is located in the forest area and it is the only alternative to approach the Village	There is no other alternative alignment	The Proposed pipeline comes under Segment 10/4 of TDWSP (Telangana Drinking Water Supply Project).From segment 10/4 of TDWSP pipeline Network, a part of the pipeline proposed (ie,The pipeline From Waddepally to Induprial) falls under Induprial RF Comp No 206 for a length of 3228.125 mts with trench width 6.00 mts.The total area of land diversion required is 1.937 Hec.The pipeline alignment proposed lay the pipeline is in the "RIGHT OF WAY" of the Existing road and There is "NO" other alternate alignment to propose the pipeline as the levels are not permitting tosupply the treated water by Gravity,if any change of alignment the length of pipeline increases abnormally and requires additional pumping ,there by cost of pumping ,additional length of pipeline cost increases and the project cost increases abnormally.
10	4	Waddepally to Ankireddypally (400 mm dia Pipeline)	This path is located in the forest area and it is the only alternative to approach the Village	There is no other alternative alignment	The Proposed pipeline comes under Segment 10/4 of TDWSP (Telangana Drinking Water Supply Project).From segment 10/4 of TDWSP pipeline Network, a part of the pipeline proposed (ie,The pipeline From Waddepally to Ankireddypally) falls under Waddepally RF Comp No 207 for a length of 1473.163 mts with trench width 1.00 mts.The total area of land diversion required is 0.146 Hec.The pipeline alignment proposed lay the pipeline is in the "RIGHT OF WAY" of the Existing road and There is "NO" other alternate alignment to propose the pipeline as the levels are not permitting tosupply the treated water by Gravity,if any change of alignment the length of pipeline increases abnormally and requires additional pumping ,there by cost of pumping ,additional length of pipeline cost increases and the project cost increases abnormally.
11	4	Waddepally to Ankireddypally (900 mm dia Pipeline)	This path is located in the forest area and it is the only alternative to approach the Village	There is no other alternative alignment	The Proposed pipeline comes under Segment 10/4 of TDWSP (Telangana Drinking Water Supply Project).From segment 10/4 of TDWSP pipeline Network, a part of the pipeline proposed (ie,The pipeline From Waddepally to Ankireddypally) falls under Waddepally RF Comp No 207 for a length of 1481.063 mts with trench width 2.00 mts.The total area of land diversion required is 0.296 Hec.The pipeline alignment proposed lay the pipeline is in the "RIGHT OF WAY" of the Existing road and There is "NO" other alternate alignment to propose the pipeline as the levels are not permitting tosupply the treated water by Gravity,if any change of alignment the length of pipeline increases abnormally and requires additional pumping ,there by cost of pumping ,additional length of pipeline cost increases and the project cost increases abnormally.

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12	4	Ramaram Jn to Syednagar (400 mm dia, 300mm dia pipeline)	This path is located in the forest area and it is the only alternative to approach the Village	There is no other alternative alignment	The Proposed pipeline comes under Segment 10/4 of TDWSP (Telangana Drinking Water Supply Project). From segment 10/4 of TDWSP pipeline Network, a part of the pipeline proposed (ie, The pipeline From Ramaram Jn to Syednagar) falls under Waddepally RF Comp No 207 for a length of 439.893 mts with trench width 2.0 mts. The total area of land diversion required is 0.088 Hec. The pipeline alignment proposed lay the pipeline is in the "RIGHT OF WAY" of the Existing road and There is "NO" other alternate alignment to propose the pipeline as the levels are not permitting to supply the treated water by Gravity, if any change of alignment the length of pipeline increases abnormally and requires additional pumping, there by cost of pumping, additional length of pipeline cost increases and the project cost increases abnormally.


 Superintending Engineer
 TDWSP Circle-Sangareddy


 Chief Engineer
 TDWSP (RWS&S), Hyderabad.