

**CHECK LIST**

**For the proposal for Diversion of Forest Lands for non-Forestry purpose under the Forest Conservation Act, 1980 for  
Linear Projects: Railway/UG Gas Pipeline/Water Pipeline/Optical Fibre/Electricity Lines etc.**

<b>State S. No. of Project:</b>				
<b>Date of receipt in NO-PCCF's office:</b>				
<b>Name of the Project:</b>		Providing Drinking water to habitations in Godavari and pusuru segments covering Bhadrachalam, Pinapaka, Aswaraopeta, Sathupalli(part), Kotha gudem, Yellandu, and Wyr (part) constituencies in Khammam District – Segment 25/3		
<b>Area proposed for diversion, in Ha:</b>		4.562		
<b>Name of the Forest Division:</b>		Khammam		
<b>Whether area proposed falling in WLS / NP / ESZ / Biosphere Reserve or WL Corridor?</b>		No		
<b>Whether situated in Scheduled Area</b>		YES		
S. No.	Name of Document/Information	Provided or Not (Yes/No)	Page No.	Remarks
<b>A</b>	<b>PART-I</b>			
<b>1</b>	<b>Main application Form from Part-I to V</b> with all its columns duly filled up and signed by the competent authority with date, place and their official seal.	Yes	<b>1 -3</b>	
<b>2</b>	<b>Detailed note</b> on the project.	Yes		
<b>3</b>	<b>Full Justification</b> for locating the project in forest area (un-avoidance of the forest area for the purpose)	Yes	<b>10 - 13</b>	
<b>4</b>	<b>Certificate for minimum use of forest land</b> giving details of the alternatives examined and reasons for their rejection.	Yes	<b>16</b>	
<b>5</b>	<b>Map of the project site forest area</b> demanded on <b>original Survey of India topo-sheet</b> in 1:50000 or any other suitable scale; clearly showing forest boundaries and adjoining areas with their land use in distinct colors.	Yes	<b>31 -32</b>	
<b>6</b>	<b>Index Map, if the area is very small, showing forest boundaries and a location map</b> on a larger scale with land use of the area required.	Yes		
<b>7</b>	<b>Geo-referenced digital data</b> (e00 format, Geographic co-ordinate system WGS 84 datum, readings up to 8 decimal places in degrees) of the boundary/ies of the proposed FL for diversion in Shape file (Soft copy in a DVD along with RAW & post-processed data) and digital map in hard copy duly authenticated by competent authority. *The survey shall be performed using DGPS in real-time or post-processed mode. However the survey may be performed using TS in GPS shadow areas, and data shall be duly geo-referenced using GCPs collected by dual frequency DGPS receivers.	Yes		
<b>8</b>	<b>Make &amp; Model of the DGPS equipment used, Names of the Agency/persons involved in the DGPS survey, period of survey, name of the authenticating agency for the accuracy of the survey.</b>	Yes	<b>24</b>	
<b>9</b>	<b>Linear map or a diagrammatic map</b> of the project site.	Yes	<b>29</b>	
<b>10</b>	Statement showing the <b>details of forest area involved</b> i.e. Division, Range, Beat, Forest Block & Compartment No. wise.	Yes	<b>28</b>	
<b>11</b>	<b>Item wise breakup of the forest area proposed for di- version, if any.</b>	Yes	<b>23</b>	
<b>12</b>	<b>Cost Benefit (CB) analysis</b> in prescribed format, <u>wher- ever</u> required. (For projects involving area of >20 Ha in plains & >5 Ha in hills)	Yes	<b>25</b>	

13	Status of <b>clearance under Environment (Protection) Act, 1986 &amp; Rules 2006;</b> wherever required.	No		
14	Detailed scheme for <b>rehabilitation of project affected persons,</b> wherever required.	No		
15	Minimum <b>distance of the proposed site from Wildlife Sanctuary and/or National Park, if any.</b>	No		
16	To show the existing Water body / Water channel or road, which should be identifiable.	No		
17	To show the newly proposed bridge /culvert / under- ground pass / tunnel etc. to be identify clearly.	No		
18	To enclose the cross section Plan / Map indicating dimension of (Length / Width / Height /depth etc) clearly.	Yes	30	
19	Undertaking to pay the <b>Net Present Value (NPV), Addl. NPV</b> of the forest land involved.	Yes	17	
20	Undertaking to pay the <b>Extraction Charges</b> of the trees to be removed from the forest land involved.	Yes	14	
21	<b>Details of equivalent non-forest land identified for Compensatory Afforestation</b> viz. Survey No., Village, Tahsil /Mandal, District etc. <b>along with map</b> in SOI Topo-sheet in 1:50000 or appropriate scale along with the boundaries of adjoining forest area.	NA		
22	<b>Geo-referenced digital data of CA land (e00 format, Geographic co-ordinate system WGS 84 datum, read- ings up to 8 decimal places in degrees)</b> of the boundary/ ies of the proposed FL for diversion in Shape file ( <b>Soft copy in a DVD along with RAW &amp; post-processed data</b> ) and digital map in hard copy duly authenticated by competent authority.  * The survey shall be performed using <b>DGPS</b> in real-time or post-processed mode. However the survey may be performed using <b>TS</b> in GPS shadow areas, and data shall be duly geo-referenced using GCPs collected by dual frequency DGPS receivers.	NA		
23	<b>Make &amp; Model of the DGPS equipment used, Name/s of the Agency/persons involved in the DGPS survey, period of survey, name of the authenticating agency for the accuracy of the survey.</b>	NA	24	
24	<b>Certificates a, c, d, g &amp; h under RoFR Act;</b> where <b>Primi- tive Tribal Groups (PTG) &amp; Pre-Agricultural Commu- nities (PAC)</b> are involved in the proposed FL.	Will be submitted to the DFO		
B	<b>Part II</b>			
1	<b>Enumeration list of trees</b> (species and girth class wise) along with <b>Abstract.</b>			
2	<b>Site inspection report,</b> along with photographs, of the forest area involved in the project in prescribed format.			
3	Impact of proposed project on the flora & fauna in the adjoining forests.			
4	Impact of proposed project on the ecology, specially soil erosion in and around the proposed area for mining.			
5	Mitigative measures to prevent loss to flora, fauna & soil erosion in & around the proposed area for the project.			
6	<b>Detailed scheme for Compensatory Afforestation</b> on identified non-forest area/degraded forest area at present wage rates duly signed by DFO and counter signed by the CF concerned.			
7	<b>Certificate from the DFO</b> that non-forest land selected for compensatory afforestation is in a compact block and contiguous to forest area or in close proximity of forest area and suitable from the management and protection point of view.			
8	<b>Soil Suitability Certificate</b> from Divisional Forest Officer that the area identified for compensatory Afforestation is suitable for raising plantation.			

9	Calculation Sheet for arriving at NPV of the proposed area for diversion.			
10	Certificate that no work has been carried out in violation of the FC- & WL act.			
a	If violated, circumstances leading to violation, date of commencement of work, quantity of work done and POR issued & dates inspection of the site of violation by FRO Sub-DEO DEO			
b	Details of disciplinary action initiated or proposed to be initiated against the concerned staff for violation of the provisions of the Act.			
c	Names of the persons of the User Agency for violation & details of the report submitted.			
11	Specific Recommendation of the DFO.			
C	PART III (To be filled in by the CF)			
1	Site inspection report, along with photographs, of the forest area involved in the project in prescribed format, when the area is more than 40 Ha in extent.			
2	Specific Recommendation of the CF.			
3	Any other information/documents attached or conditions stipulated.			

Superintending Engineer  
TDWSP Circle, Khammam

"Counter Signed"

Chief Engineer  
TDWSP, Hyderabad



**Statement showing the proposal for permission for laying the drinking water supply pipe  
line in reserve forest area in Khammam District.**

**Segment 25/3**

The area of operation for clearance is as follows :

	Stretches	Length in mts	Dia of pipe in mm	Width	Depth	Area in Hectares
1	From RSF Radham gutta to GLBR on Radham Gutta and path	40831.407	63 to 1800	0.70 -2.50	1.0-1.80	4.562
2	RSF and other structures at Radhamgutta	Struture				0.0000


**Total**

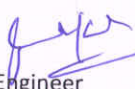
**40831.407**

**4.562**

**Area required**

**4.5620 Ha**

  
Superintending Engineer  
RWS&S ,TDWSP  
Khammam

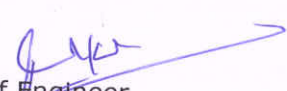
"Counter signed"  
  
Chief Engineer  
RWS&S,TDWSP Hyderabad

## DETAILS OF SURVEY INSTRUMENTS USED

Sl.no	Name of the Agency	Instruments used	Persons involved	Period of survey
1	M/S Lakshman Enerprises, HYD	DGPS make, Trimble -R14, Dual Freq	Sangameshwar rao	November and December 2015

  
Superintending Engineer  
RWS&S TDWSP, Khammam.

"Counter Signed"

  
Chief Engineer  
RWS&S TDWSP, Hyderabad

## BEAT RANGE FORMAT

### GODAVARI SEGMENT 25/2

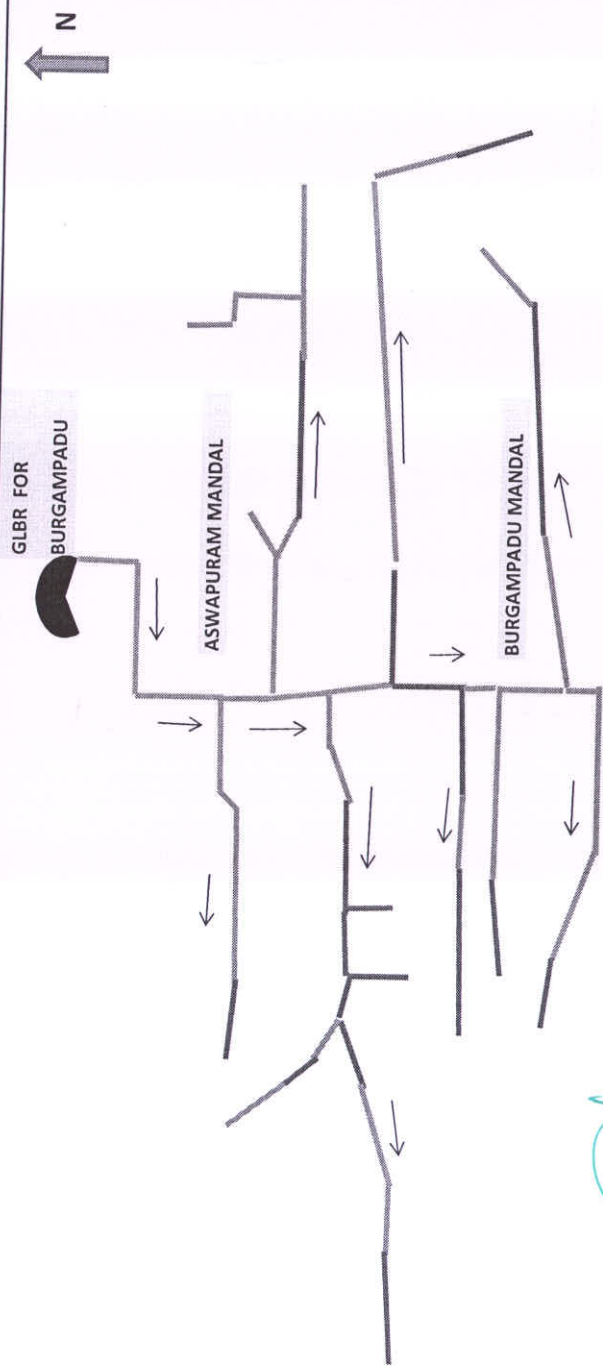
S.No	DISTRICT	SEGMENT NAME	DIVISION	BLOCKNAME	RANGE	SECTION	BEAT	COMP_NO	AREA_Ha
1	2	3	4	5	6	7	8	9	10
1	KHAMMAM	GODAVARI	PALONCHA	ASWAPURAM	ASWAPURAM	ASWAPURAM	ASWAPURAM	8	0.064
2	KHAMMAM	GODAVARI	PALONCHA	ASWAPURAM	ASWAPURAM	ASWAPURAM	CHINTRIYALA	16	0.042
3	KHAMMAM	GODAVARI	PALONCHA	CHINTRIYAL	ASWAPURAM	ASWAPURAM	CHINTRIYALA	1	0.103
4	KHAMMAM	GODAVARI	PALONCHA	GONDIGUDEM	ASWAPURAM	ASWAPURAM	GONDIGUDEM	20	0.048
5	KHAMMAM	GODAVARI	PALONCHA	GONDIGUDEM	ASWAPURAM	ASWAPURAM	GONDIGUDEM	24	0.237
6	KHAMMAM	GODAVARI	PALONCHA	GONDIGUDEM	ASWAPURAM	ASWAPURAM	GONDIGUDEM	23	0.374
7	KHAMMAM	GODAVARI	PALONCHA	NELLIPAKA B	ASWAPURAM	ERAVENDI	NELLIPAKA	3	0.059
8	KHAMMAM	GODAVARI	PALONCHA	NELLIPAKA B	ASWAPURAM	ERAVENDI	NELLIPAKA	2	0.105
9	KHAMMAM	GODAVARI	PALONCHA	NELLIPAKA B	ASWAPURAM	ERAVENDI	NELLIPAKA	4	0.183
10	KHAMMAM	GODAVARI	PALONCHA	NELLIPAKA B	ASWAPURAM	ERAVENDI	NELLIPAKA	4	2.337
11	KHAMMAM	GODAVARI	PALONCHA	KISTASAGAR	ASWAPURAM	ERAVENDI	ERAVENDI	10	0.223
12	KHAMMAM	GODAVARI	PALONCHA	KISTASAGAR	ASWAPURAM	SARAPAKA	KISTASAGAR	6	0.204
13	KHAMMAM	GODAVARI	PALONCHA	KISTASAGAR	ASWAPURAM	SARAPAKA	KISTASAGAR	6	0.126
14	KHAMMAM	GODAVARI	PALONCHA	KISTASAGAR	ASWAPURAM	SARAPAKA	KISTASAGAR	8	0.070
15	KHAMMAM	GODAVARI	PALONCHA	KISTASAGAR	ASWAPURAM	SARAPAKA	SARAPAKA	12	0.049
16	KHAMMAM	GODAVARI	PALONCHA	UPPUSAKA	ASWAPURAM	SARAPAKA	SARAPAKA	2	0.095
17	KHAMMAM	GODAVARI	PALONCHA	UPPUSAKA	PALONCHA	SURARAM	UPPUSAKA	7	0.020
18	KHAMMAM	GODAVARI	PALONCHA	UPPUSAKA	PALONCHA	SURARAM	UPPUSAKA	7	0.007
19	KHAMMAM	GODAVARI	PALONCHA	UPPUSAKA	PALONCHA	SURARAM	UPPUSAKA	9	0.060
20	KHAMMAM	GODAVARI	PALONCHA	SOMPALLI	ASWAPURAM	SARAPAKA	SOMPALLI	1	0.196
21	KHAMMAM	GODAVARI	PALONCHA	SOMPALLI	ASWAPURAM	SARAPAKA	SOMPALLI	1	0.024

"Counter signed"

Superintending Engineer  
RWS&S ,TDWSP  
Khammam

Chief Engineer  
RWS&S,TDWSP Hyderabad

**FLOW DIAGRAM**  
**LAYING OF WATER SUPPLY PIPE LINE**  
**PALVANCHA FOREST DIVISION**



//Counter signed//

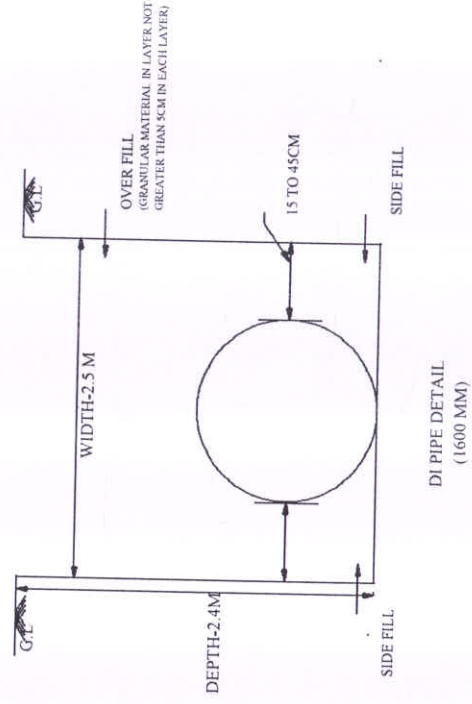
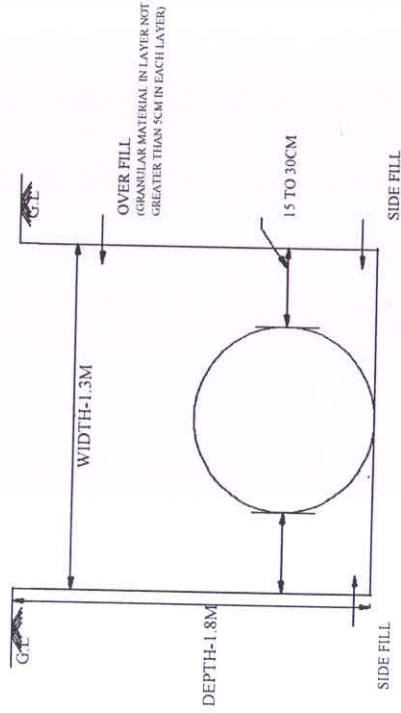
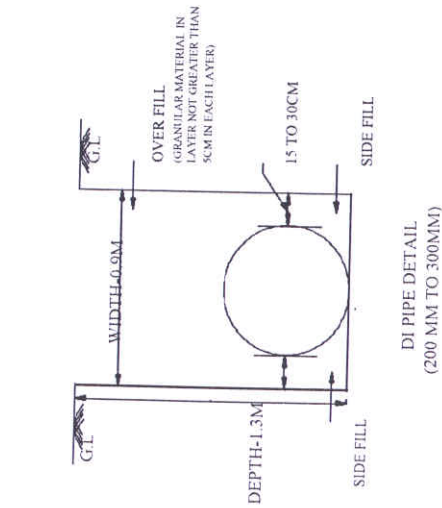
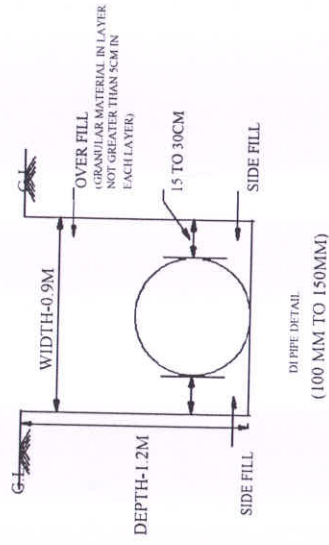
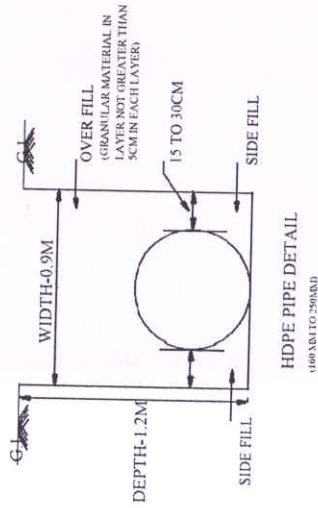
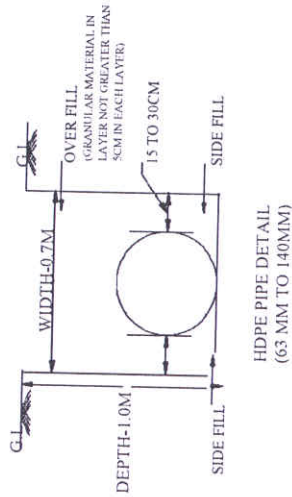
*[Signature]*  
 Chief Engineer  
 TDWSP, Hyderabad

*[Signature]*  
 Superintending Engineer  
 TDWSP, Khammam

LEGEND	
ITEM	PROPOSED
PIPE LINES	
FOREST AREA	



TELANGANA DRINKING WATER SUPPLY PROJECT SEGMENT-25 GODAVARI  
MAP SHOWING PIPELINE CROSS-SECTION IN FOREST AREA OF PALVANCHA



Counter Sined

Chief Engineer  
TDWSP (RWIS&S), Hyderabad.

8/1/2024/10/11/2024