

DETAILED NOTE ON THE PROJECT

Back ground and need of the Project:

Safe drinking water is primary need of life. Contaminated drinking water is causing health hazards to millions of people. Scarcity of water is also one of the problems which hamper the social and economical development of the people.

Provision of safe drinking water deserves priority to improve the health and economical development of the area. Govt. of Telangana has announced a prestigious project "Telangana drinking water Supply Project" in which the aim is to provide safe drinking water to all the habitations from surface sources on sustainable basis with enhanced supply level of 100 liters per head.

Details of the Project:

For this segment 25/15 under Phase-II, the government have sanctioned an amount of Rs.200.00 Crores vide GO.MS. No.392, dt:23.06.2015 of PR &RD(RWS-I) Hyderabad.

The raw water is drawn from the Godavari River at Three different locations(ie at Dummugudem anicut, Pusuru and Parnasala) and also from Kinnerasani River for Gundala mandal. 1)The Source Dummududem anicut at Kummarigudem is designed to cover 17 Mandals, Raw water from intake well is pumped to Rapid Sand Filters at Thoggudem (V) the Filtered/Clear water is collected in 5800KL Sump at 9nth Mail Thanda and from there the clear water is Pumped to 1100KL GLBR at 9nth Mail Thanda Gutta and from there the Drinking water is Supplied by Garvity to Yellandu Koragutta ,From there Villagers of Yellandu,garla,kamepally,singareni and Bayyaram Mandals are getting drinking water through Gravity.

Proposed Project area and coverage in Segment – 25/15:

Name of Source	::	Godavari River	
Constituencies Covering	::	02	
No. of Mandals Covering	::	05	
No. of Habs Covering	::	470 Habitations	
Population Covering	::	Rural	236775
Water Requirement (2048)	::	0.642 TMC	
Length of Trunk Main	::	38.00Km.	
Length of Secondary Mains	::	27.352 Km.	
No. Of Treatment Plants	::	145MLD	
Total Cost of the Segment	::	Rs. 200.00 Cr.	



Superintending Engineer
TDWSP Circle, Khammam

"Counter Signed"



Chief Engineer
TDWSP, Hyderabad

DETAILS OF SURVEY INSTRUMENTS USED

Sl.no	Name of the Agency	Instruments used	Persons involved	Period of survey
1	M/S Laxman Enterprises Pvt Ltd, HYD	DGPS make, Trimble R4, Dual freq.	Bhaskar Ramesh Sangameswar Laxman rao	February 2016



Superintending Engineer
TDWSP Circle Khammam.

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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 25/15(9nth MAIL THANDA GUTTA)

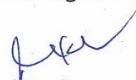
The area of operation for clearance is as follows :

	Stretches	Length in mts	Dia of pipe in mm	Width	Depth	Area in Hectares
1	9nth Mail Thanda Gutta to Rollapadu and Dandagundal	27352.148	63 to 600 mm	0.70-1.20 m	1.00-1.70m	3.961
	Total	27352.148				
	Structures					0.558
	Area required	4.5190	Ha			4.519



Superintending Engineer
TDWSP
Circle, Khammam

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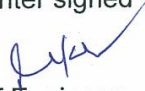
Chief Engineer
TDWSP Hyderabad

**AREA STATEMENT - 9NTH MAILTHANDA GUTTA SEGMENT 25/15 -
KHAMMAM**

Set	Structure	Pipe	width	Length in	Area_Ha	Total area
1	PIPELINE	90	0.700	3755.458	0.263	3.687
	PIPELINE	90	0.700	379.987	0.027	
	PIPELINE	800	1.400	5632.293	0.789	
	PIPELINE	75	0.700	697.177	0.049	
	PIPELINE	90	0.700	1848.979	0.129	
	PIPELINE	90	0.700	655.260	0.046	
	PIPELINE	900	1.500	655.577	0.098	
	PATHWAY	0	10.000	1133.001	1.133	
	PATHWAY	800	12.000	330.415	0.396	
	PIPELINE	800	1.400	133.932	0.019	
	PATHWAY	0	11.500	144.184	0.166	
	GLBR				0.077	
	SUMP				0.481	
	PIPELINE	800	1.400	103.543	0.014	
2	PIPELINE	75	0.700	6150.067	0.431	0.431
3	PIPELINE	63	0.700	2547.859	0.178	0.401
	PIPELINE	63	0.700	1226.530	0.086	
	PIPELINE	90	0.700	1957.886	0.137	
TOTAL AREA IN HA				27352.148	4.519	4.519


Superintending Engineer
TDWSP Circle, Khammam

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Chief Engineer
TDWSP Hyderabad

SNO	CIRCLE	DISTRICT	DIVISION	RANGE	SECTION	BEAT	COMP_NO	SET	Dia	Length_mt	Width	Area_Ha
1	KHAMMAM	KHAMMAM	KOTHAGUDEM	YELLANDU	YELLANDU	KOLLAPUR	45	1	90	3755.458	0.700	0.263
2	KHAMMAM	KHAMMAM	KOTHAGUDEM	YELLANDU	YELLANDU	KOLLAPUR	45	1	800	5632.293	1.400	0.789
3	KHAMMAM	KHAMMAM	KOTHAGUDEM	YELLANDU	YELLANDU	KOLLAPUR	45	1	90	1848.979	0.700	0.129
4	KHAMMAM	KHAMMAM	KOTHAGUDEM	YELLANDU	BETHAMPUDI	KUNTERLA	42	1	90	379.987	0.700	0.027
5	KHAMMAM	KHAMMAM	KOTHAGUDEM	YELLANDU	BETHAMPUDI	KUNTERLA	42	1	75	697.177	0.700	0.049
6	KHAMMAM	KHAMMAM	KOTHAGUDEM	YELLANDU	BETHAMPUDI	KUNTERLA	42	1	90	655.260	0.700	0.046
7	KHAMMAM	KHAMMAM	KOTHAGUDEM	YELLANDU	BETHAMPUDI	KUNTERLA	42	1	900	655.577	1.500	0.098
8	KHAMMAM	KHAMMAM	KOTHAGUDEM	YELLANDU	BETHAMPUDI	KUNTERLA	42	1	0	1133.001	10.000	1.133
9	KHAMMAM	KHAMMAM	KOTHAGUDEM	YELLANDU	BETHAMPUDI	KUNTERLA	42	1	800	330.415	12.000	0.396
10	KHAMMAM	KHAMMAM	KOTHAGUDEM	YELLANDU	BETHAMPUDI	KUNTERLA	42	1	800	133.932	1.400	0.019
11	KHAMMAM	KHAMMAM	KOTHAGUDEM	YELLANDU	BETHAMPUDI	KUNTERLA	42	1	0	144.184	11.500	0.166
12	KHAMMAM	KHAMMAM	KOTHAGUDEM	YELLANDU	BETHAMPUDI	KUNTERLA	42	1	800	103.543	1.400	0.014
13	KHAMMAM	KHAMMAM	KOTHAGUDEM	YELLANDU	BETHAMPUDI	THUMMALACHELKA	39	2	75	6150.067	0.700	0.431
14	KHAMMAM	KHAMMAM	KOTHAGUDEM	YELLANDU	BETHAMPUDI	DHARMAPUR	48	3	63	1226.530	0.700	0.086
15	KHAMMAM	KHAMMAM	KOTHAGUDEM	YELLANDU	BETHAMPUDI	THUMMALACHELKA	37	3	63	2547.859	0.700	0.178
16	KHAMMAM	KHAMMAM	KOTHAGUDEM	YELLANDU	YELLANDU	PUBALLY	47	3	90	1957.886	0.700	0.137

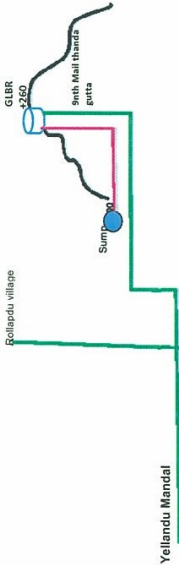
"Counter signed"

Chief Engineer
TDWSP Hyderabad

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TDWSP Circle, Khammam

TELANGANA DRINKING WATER
SUPPLY PROJECT (TDWSP)

SCHEMATIC FLOW DIAGRAM OF
GODAVARI SEGMENT 25/15 9th MAIL THANDA YELLANDU CONSTITUENCY IN KHAMMAM
DISTRICT

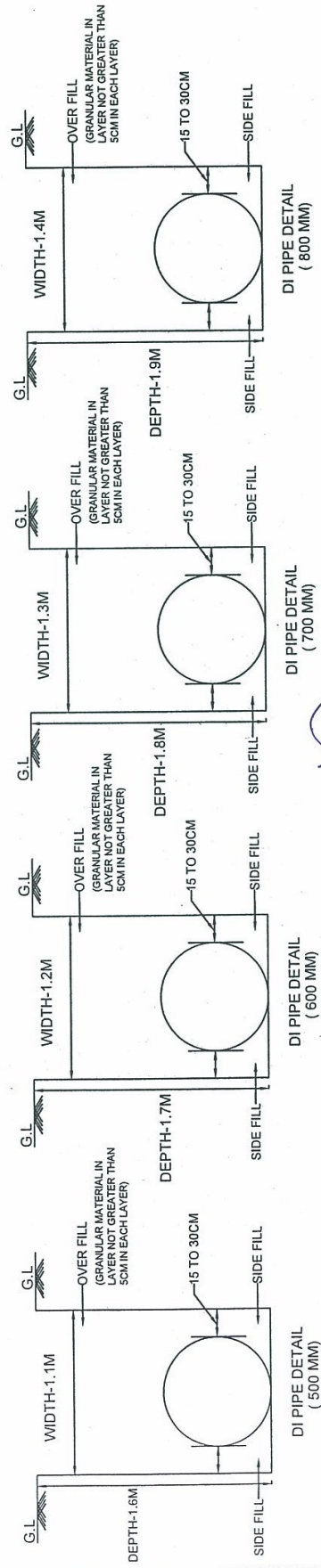
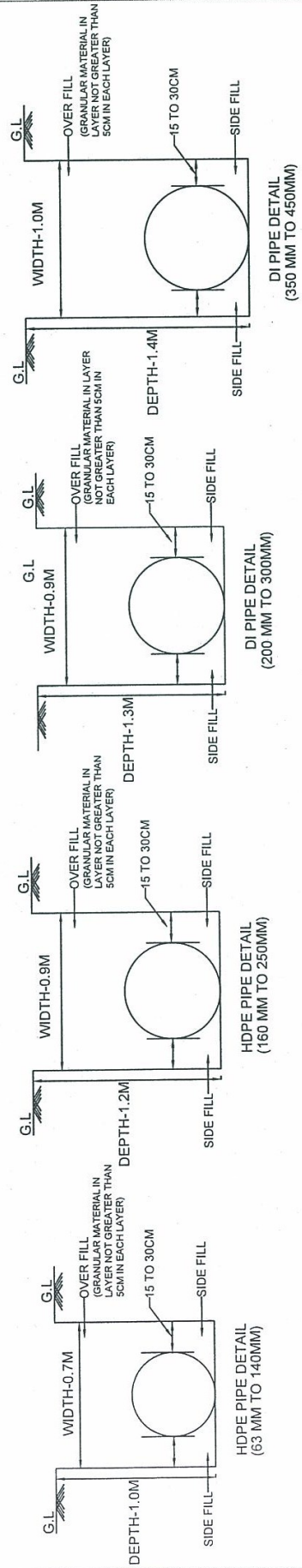


Superintending Engineer
TDWSP, CIRCLE, KHAMMAM.

"COUNTER SIGN"
CHIEF ENGINEER
TDWSP, HYDERABAD.

LEGEND	
ITEM	PROPOSED
SUMPS	
GLBR	
PIPELINES	
CLEAR WATER PUMPING	
CLEAR WATER GRAVITY MAIN	

TELANGANA DRINKING WATER SUPPLY PROJECT SEGMENT-25/15, 9th MAIL THANDA GUTTA
 MAP SHOWING PIPELINE CROSS-SECTION IN FOREST AREA OF 9th MAIL THANDA GUTTA



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