

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 25/12 under Phase-II, the government have sanctioned an amount of Rs.251.99 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 18600KL Sump and from there the clear water is Pumped to 1200KL GLBR at Thoggudem gutta and from there the Drinking water is Supplied to Villages of Mulakalapalli Mandals through Gravity.

Proposed Project area and coverage in Segment – 25/12:

Name of Source	::	Godavari River	
Constituencies Covering	::	01	
No. of Mandals Covering	::	04	
No. of Habs Covering	::	339 Habitations	
Population Covering	::	Rural	201048
Water Requirement (2048)	::	0.397 TMC	
Length of Trunk Main	::	27.00 Km.	
Length of Secondary Mains	::	645 Km.	
No. Of Treatment Plants	::	0	
Total Cost of the Segment	::	Rs. 251.99 Cr.	


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 25/12(THOGGUEDEM GUTTA for Mulakalapalli)

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 Clear water sump to GLBR at Thoggudem gutta for Mulakalapalli .Palvancha Division	22094.720	63 to 1000 mm	0.70 - 2.00	1.00 - 2.00	2.376
		Struture				0.00
2	From Clear water sump to GLBRS at Danavula gutta in Mulakalapalli Mandal Kothagudem Division	13730.58				1.726
		Struture				0.000
	Total	35825.300				4.102
	Area required	4.1020	Ha			



Superintending Engineer
TDWSP
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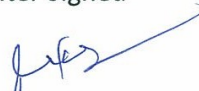
Chief Engineer
TDWSP Hyderabad

AREA STATEMENT OF THOGGUDEM SEGMENT NO 25-12 - KHM							
Set	Structure type	Pipe Dia	Length in m	width m	Area_Ha	Total area in Ha	DIVISION
1	PIPELINE	200	1637.821	0.80	0.131	0.557	PALVANCHA
	PIPELINE	90	3988.849	0.70	0.279		
	PIPELINE	160	1241.759	0.80	0.099		
	PIPELINE	160	594.369	0.80	0.048		
2	PIPELINE	1000	4916.181	2.00	0.983	1.726	PALVANCHA
	PIPELINE	250	2247.142	0.90	0.202		
	PIPELINE	250	1602.355	0.90	0.144		
	PIPELINE	180	4964.909	0.80	0.397		
3	PIPELINE	1000	2895.202	1.60	0.463	1.296	PALVANCHA
	PIPELINE	1000	5204.745	1.60	0.833		
4	PIPELINE	110	6531.969	0.80	0.523	0.523	PALVANCHA
TOTAL					4.102	4.102	



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s/no	circle	Dist	Division	Range	Section	Beat	Cop no	Set no	Lenth	width	Dia	SEG no	Area.Hc
1	KHAMMAM	KHAMMAM	PALONCHA	PALONCHA	MULAKALAPALLY	MULAKALAPALLY	1	1	1241.75897976000	0.800000000000	160	25-12	0.099
2	KHAMMAM	KHAMMAM	PALONCHA	PALONCHA	MULAKALAPALLY	MULAKALAPALLY	23	1	594.36939840800	0.800000000000	160	25-12	0.048
3	KHAMMAM	KHAMMAM	PALONCHA	PALONCHA	MULAKALAPALLY	MULAKALAPALLY	23	1	1637.82093289000	0.800000000000	200	25-12	0.131
4	KHAMMAM	KHAMMAM	PALONCHA	PALONCHA	MULAKALAPALLY	MUTHYALAMPADU	5	1	3988.8487965000	0.700000000000	90	25-12	0.279
5	KHAMMAM	KHAMMAM	PALONCHA	PALONCHA	MULAKALAPALLY	MULAKALAPALLY	1	2	4916.18088697000	2.000000000000	1000	25-12	0.983
6	KHAMMAM	KHAMMAM	PALONCHA	PALONCHA	MULAKALAPALLY	MULAKALAPALLY	1	2	4964.90928785000	0.800000000000	180	25-12	0.397
7	KHAMMAM	KHAMMAM	PALONCHA	PALONCHA	MULAKALAPALLY	MULAKALAPALLY	19	2	2247.14174219000	0.900000000000	250	25-12	0.202
8	KHAMMAM	KHAMMAM	KOTHAGUDEM	RAMAVARAM	CHAPARLAPALLI	KAMALAPURAM	39	2	1602.35495635000	0.900000000000	250	25-12	0.144
9	KHAMMAM	KHAMMAM	PALONCHA	PALONCHA	NAGARAM	PALONCHA EAST	16	3	2895.20210840000	1.600000000000	1000	25-12	0.463
10	KHAMMAM	KHAMMAM	PALONCHA	PALONCHA	WODDURAMAVARAM	VADDU RAMAVARAM	2	3	5204.74456563000	1.600000000000	1000	25-12	0.833
11	KHAMMAM	KHAMMAM	PALONCHA	AMARARAM	GUNDLAPADU	TIMMAMPET BAROON	1	4	6531.96875445000	0.800000000000	110	25-12	0.523
Total Ha													4.102

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TDWSP Circle Khammam



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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	January 2016



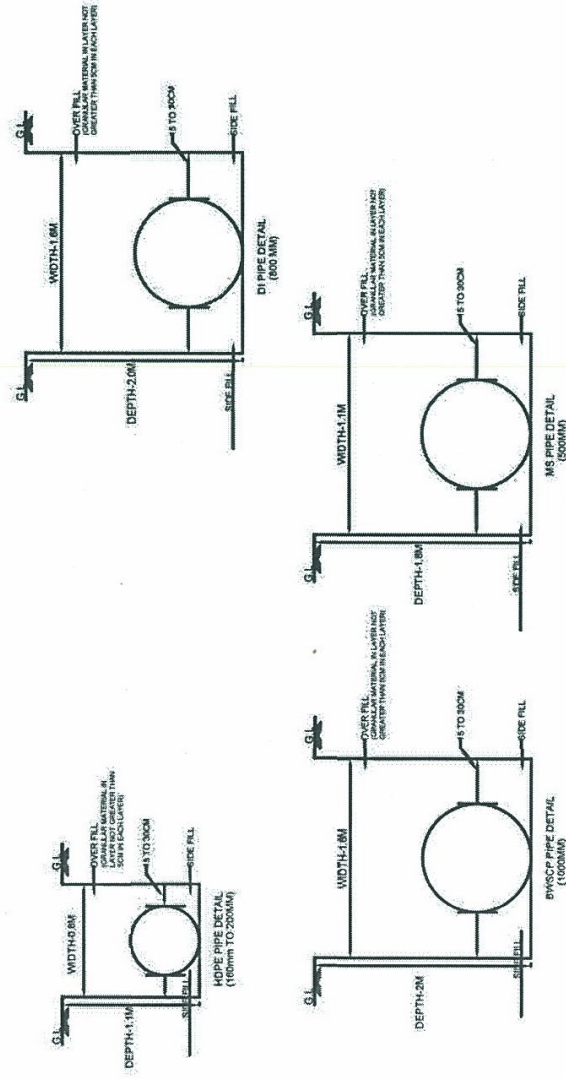
Superintending Engineer
TDWSP Circle Khammam.

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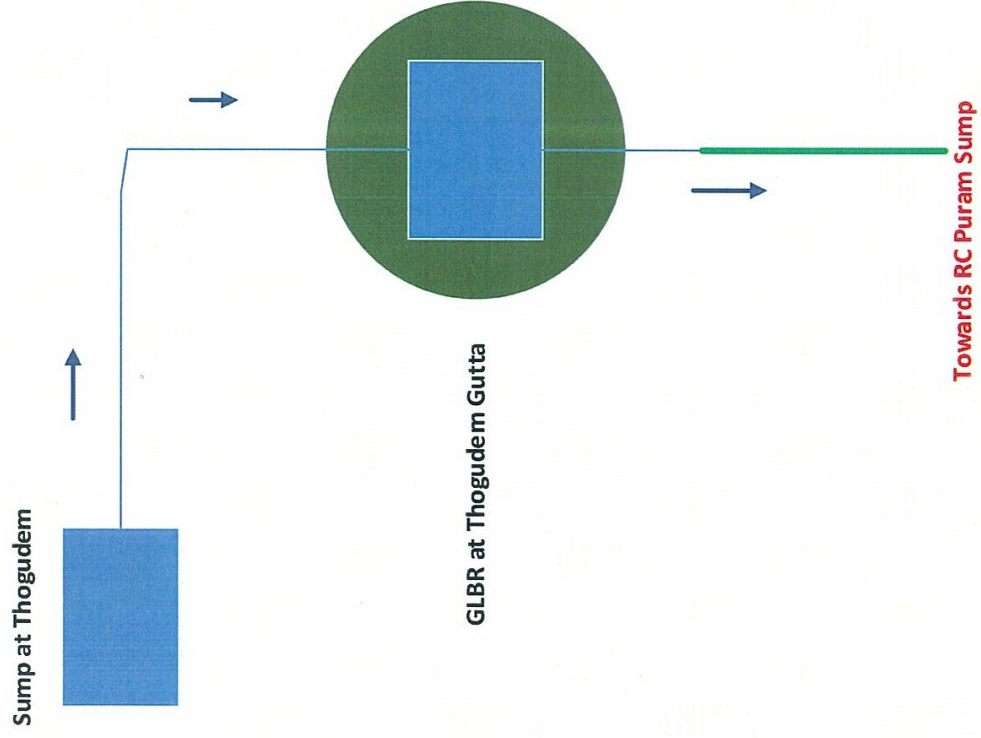
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TELANGANA DRINKING WATER SUPPLY PROJECT - SEGMENT-25/5
 MAP SHOWING PIPELINE CROSS-SECTION IN FOREST AREA OF KHAMMAM.



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 TDWSP Circle, Khammam

Chief Engineer
 TDWSP, Hyderabad



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