

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 25/10 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 5400KL Sump at Yellandu and from there the clear water is Pumped to 700KL GLBR at Yellandu Koragutta and from there the Drinking water is Supplied by Garvity From there, Villagers of Yellandu and singareni Mandals are getting drinking water through Gravity.

Proposed Project area and coverage in Segment – 25/10:

Name of Source	::	Godavari River	
Constituencies Covering	::	01	
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	::	12 Km.	
Length of Secondary Mains	::	30.586Km.	
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.

"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 25/10(YELLANDU KORAGUTTA)

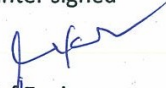
The area of operation for clearance is as follows :

	Stretches	Length in mts	Dia of pipe in mm	Width	Depth	Area in Hectares
1	From Yellandu Koragutta to Kotharelakayala pally(Singareni)	9649.988	63 to 600 mm	0.70-1.20 m	1.00-1.70m	0.736
2	From Yellandu Koragutta to Nehru nagar(Yellandu)	20936.11	63 to 600 mm	0.70-1.20 m	1.00-1.70m	3.30
	Total	30586.099				4.038
	For Structure					0.649
	Area required	4.6870	Ha			4.687




Superintending Engineer
TDWSP
Circle, Khammam

"Counter signed"

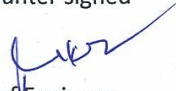


Chief Engineer
TDWSP Hyderabad

AREA STATEMENT OF KORAGUTTA SEGMENT NO 25-10 - KHM							
Set	Structure Type	Pipe Dia	width m	Length in m	Area_Ha	Total area in Ha	DIVISION
1	PIPELINE	225	0.9	1901.662	0.171	0.736	KHAMMAM
	PIPELINE	75	0.7	1359.115	0.095		
	PIPELINE	75	0.7	2763.405	0.193		
	PIPELINE	75	0.7	2465.764	0.173		
	PIPELINE	225	0.9	1160.042	0.104		
2	PIPELINE	225	0.9	1231.919	0.111	0.190	KOTHAGUDEM
	PIPELINE	63	0.7	534.270	0.037		
	PIPELINE	63	0.7	597.647	0.042		
3	PIPELINE	1600	2.8	782.482	0.219	2.483	KOTHAGUDEM
	PATHWAY	0	10.0	1436.025	1.436		
	PIPELINE	1600	2.8	438.307	0.123		
	PIPELINE	1300	2.6	93.868	0.024		
	PIPELINE	1300	2.6	50.597	0.013		
	PIPELINE	1300	2.6	73.971	0.019		
	GLBR	-	-	-	0.084		
	GLBR	-	-	-	0.084		
	SUMP	-	-	-	0.481		
4	PIPELINE	225	1.1	2428.705	0.267	0.743	KOTHAGUDEM
	PIPELINE	90	0.7	1358.235	0.095		
	PIPELINE	180	0.8	2298.493	0.184		
	PIPELINE	400	1.0	1203.668	0.120		
	PIPELINE	400	1.0	768.918	0.077		
5	PIPELINE	75	0.7	5842.522	0.409	0.535	KOTHAGUDEM
	PIPELINE	63	0.7	1796.484	0.126		
TOTAL				30586.099	4.687	4.687	


 Superintending Engineer
 TDWSP Circle, Khammam

"Counter signed"


 Chief Engineer
 TDWSP Hyderabad

SNO	CIRCLE	DISTRICT	DIVISION	RANGE	SECTION	BEAT	COMP_NO	SET	Dia	Length_mt	Width	Area_Ha
1	KHAMMAM	KHAMMAM	KHAMMAM	KAREPALLI	CHIMALAPADU	REGABOINAGUDEM	9	1	225	1901.662	0.900	0.171
2	KHAMMAM	KHAMMAM	KHAMMAM	KAREPALLI	CHIMALAPADU	REGABOINAGUDEM	14	1	75	2763.405	0.700	0.193
3	KHAMMAM	KHAMMAM	KHAMMAM	KAREPALLI	CHIMALAPADU	REGABOINAGUDEM	19	1	75	2465.764	0.700	0.173
4	KHAMMAM	KHAMMAM	KHAMMAM	KAREPALLI	CHIMALAPADU	RELAKAYALAPALLI	9	1	75	1359.115	0.700	0.095
5	KHAMMAM	KHAMMAM	KHAMMAM	KAREPALLI	KAREPALLY	GADEPADU	9	1	225	1160.042	0.900	0.104
6	KHAMMAM	KHAMMAM	KOTHAGUDEM	YELLANDU	YELLANDU	URUGUTTA	44	2	225	1231.919	0.900	0.111
7	KHAMMAM	KHAMMAM	KOTHAGUDEM	YELLANDU	YELLANDU	TODTALAGUDEM	44	2	63	534.270	0.700	0.037
8	KHAMMAM	KHAMMAM	KOTHAGUDEM	YELLANDU	YELLANDU	TODTALAGUDEM	44	2	63	597.647	0.700	0.042
9	KHAMMAM	KHAMMAM	KOTHAGUDEM	YELLANDU	YELLANDU	URUGUTTA	27	3	1600	782.482	2.800	0.219
10	KHAMMAM	KHAMMAM	KOTHAGUDEM	YELLANDU	YELLANDU	URUGUTTA	27	3	0	1436.025	10.000	1.436
11	KHAMMAM	KHAMMAM	KOTHAGUDEM	YELLANDU	YELLANDU	URUGUTTA	27	3	1600	438.307	2.800	0.123
12	KHAMMAM	KHAMMAM	KOTHAGUDEM	YELLANDU	YELLANDU	URUGUTTA	27	3	1300	93.868	2.600	0.024
13	KHAMMAM	KHAMMAM	KOTHAGUDEM	YELLANDU	YELLANDU	URUGUTTA	27	3	1300	50.597	2.600	0.013
14	KHAMMAM	KHAMMAM	KOTHAGUDEM	YELLANDU	YELLANDU	URUGUTTA	27	3	1300	73.971	2.600	0.019
15	KHAMMAM	KHAMMAM	KOTHAGUDEM	YELLANDU	YELLANDU	URUGUTTA	27	3				0.084
16	KHAMMAM	KHAMMAM	KOTHAGUDEM	YELLANDU	YELLANDU	URUGUTTA	27	3				0.084
17	KHAMMAM	KHAMMAM	KOTHAGUDEM	YELLANDU	YELLANDU	URUGUTTA	27	3				0.481
18	KHAMMAM	KHAMMAM	KOTHAGUDEM	YELLANDU	YELLANDU	KOMMUGUDEM	51	4	400	768.918	1.000	0.077
19	KHAMMAM	KHAMMAM	KOTHAGUDEM	YELLANDU	PEREPALLI	JODBOULI	51	4	225	2428.705	1.100	0.267
20	KHAMMAM	KHAMMAM	KOTHAGUDEM	YELLANDU	PEREPALLI	JODBOULI	51	4	90	1358.235	0.700	0.095
21	KHAMMAM	KHAMMAM	KOTHAGUDEM	YELLANDU	PEREPALLI	JODBOULI	51	4	400	1203.668	1.000	0.120
22	KHAMMAM	KHAMMAM	KOTHAGUDEM	YELLANDU	PEREPALLI	PEREPALLI	52	4	180	2298.493	0.800	0.184
23	KHAMMAM	KHAMMAM	KOTHAGUDEM	BAYYARAM	BAYYARAM	PANDIPAMPULA	51	5	75	5842.522	0.700	0.409
24	KHAMMAM	KHAMMAM	KOTHAGUDEM	BAYYARAM	BAYYARAM	PANDIPAMPULA	51	5	63	1796.484	0.700	0.126

30586.099

4.687

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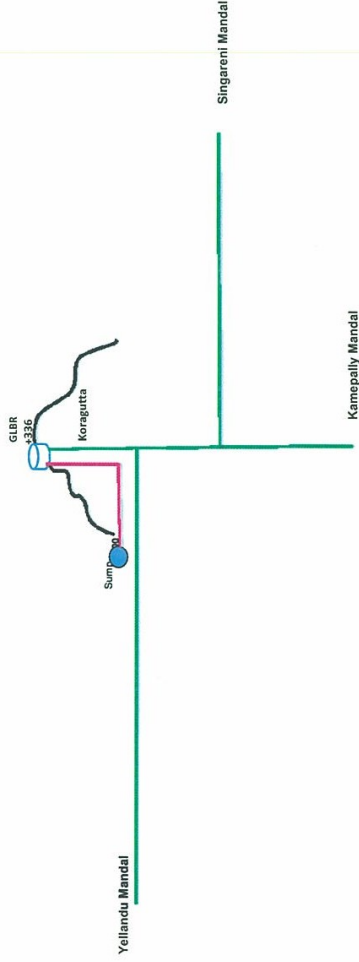
Chief Engineer
TDWSP Hyderabad



Superintending Engineer
TDWSP Circle, Khammam

TELANGANA DRINKING WATER SUPPLY PROJECT (TDWSP)

SCHEMATIC FLOW DIAGRAM OF
GODAVARI SEGMENT-25/10 KORAGUTTA YELLANDU CONSTITUENCY IN KHAMMAM
DISTRICT



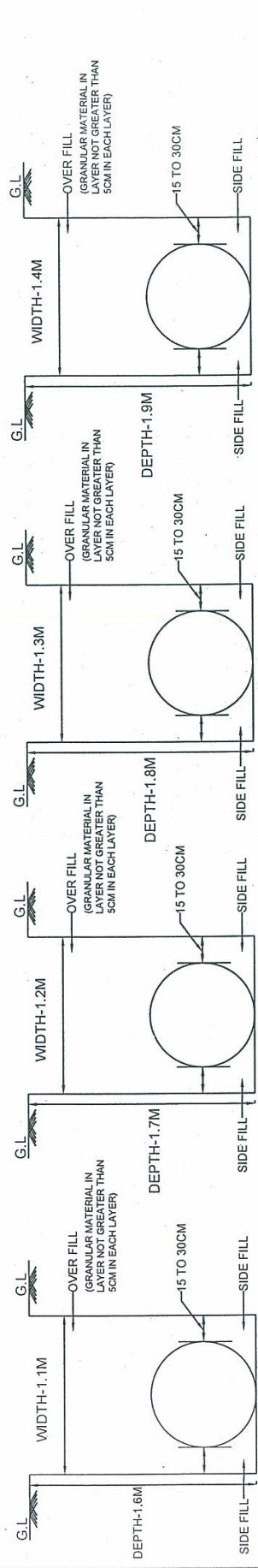
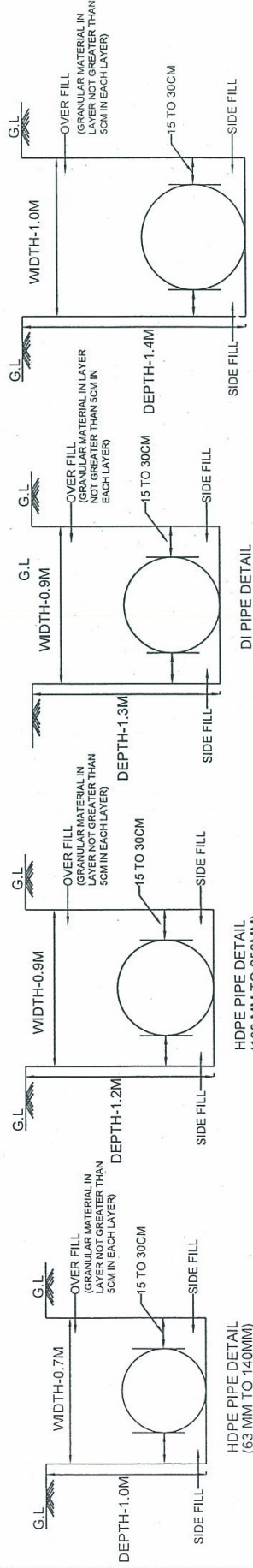
LEGEND	
ITEM	PROPOSED
SUMPS	
GLBR	
PIPELINES	
CLEAR WATER PUMPING	
CLEAR WATER GRAVITY MAIN	

Suptending Engineer
TDWSP, CIRCLE, KHAMMAM.

"COUNTER SIGN"

CHIEF ENGINEER
TDWSP, HYDERABAD.

TELANGANA DRINKING WATER SUPPLY PROJECT SEGMENT-25/10, KORAGUTTA
 MAP SHOWING PIPELINE CROSS-SECTION IN FOREST AREA OF KORAGUTTA



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 SE/TDWS/ [Signature]
 CH/defk/ [Signature]