

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 25/6 under Phase-II, the government have sanctioned an amount of Rs.123.51 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 ohBR at 5th incline and from there the Drinking water is Supplied to Villages of Paloncha and Kothagudem Mandals through Gravity.

Proposed Project area and coverage in Segment – 25/6:

Name of Source	::	Godavari River	
Constituencies Covering	::	01	
No. of Mandals Covering	::	02	
No. of Habs Covering	::	206 Habitations	
Population Covering	::	Rural	140444
Water Requirement (2048)	::	2.45 TMC	
Length of Trunk Main	::	18.00 Km.	
Length of Secondary Mains	::	296 Km.	
No. Of Treatment Plants	::	145MLD	
Total Cost of the Segment	::	Rs. 123.51 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	January 2016


Superintending Engineer
TDWSP Circle Khammam.

"Counter Signed"

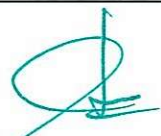

Chief Engineer
TDWSP, Hyderabad

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

Segment 25/6(5th incline)

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 and path	40847.345	63 to 1000 mm	0.70 - 1.8	1.00 - 2.00	4.148
2	RSF and other structures at Radhamgutta	Struture				0.000
	Total	40847.345				4.148
	Area required	4.1480	Ha			


Superintending Engineer
TDWSP
Circle, Khammam

"Counter signed"


Chief Engineer
TDWSP Hyderabad

AREA STATEMENT - 5th INCLINE SEGMENT - 25/6 - KHAMMAM						
Set	Structure type	Pipe Dia	Length in m	width m	Area_Ha	Total area in Ha
1	PIPELINE	1000	7582.233	1.80	1.365	2.811
	PIPELINE	500	5000.545	1.10	0.550	
	PIPELINE	63	79.649	0.70	0.006	
	PIPELINE	110	187.319	0.70	0.013	
	PIPELINE	110	1776.750	0.70	0.124	
	PIPELINE	63	252.300	0.70	0.018	
	PIPELINE	63	2285.790	0.70	0.160	
	PIPELINE	800	2591.198	1.40	0.363	
	PIPELINE	300	1534.322	0.90	0.138	
	PIPELINE	225	248.016	0.90	0.022	
	PIPELINE	180	316.492	0.80	0.025	
	PIPELINE	110	392.390	0.70	0.027	
2	PIPELINE	125	2265.150	0.70	0.159	0.372
	PIPELINE	63	181.327	0.70	0.013	
	PIPELINE	75	2095.916	0.70	0.147	
	PIPELINE	63	759.548	0.70	0.053	
3	PIPELINE	125	4075.844	0.70	0.285	0.965
	PIPELINE	75	760.615	0.70	0.053	
	PIPELINE	90	3146.908	0.70	0.220	
	PIPELINE	63	419.318	0.70	0.029	
	PIPELINE	300	699.425	0.90	0.063	
	PIPELINE	250	1050.822	0.90	0.095	
	PIPELINE	140	581.609	0.70	0.041	
	PIPELINE	110	2563.859	0.70	0.179	
TOTAL AREA IN HA			40847.345		4.148	4.148


 Superintending Engineer
 RWS&S ,TDWSP
 Khammam

"Counter signed"

 Chief Engineer
 RWS&S,TDWSP Hyderabad

Details of area involved in the segment of 25/6(5thinc)line in Khammam district

S.No	CIRCLE	DISTRICT	DIVISION	RANGE	SECTION	BEAT	COMP_NO	SET	Dia in mm	Length_mt	width in mts	Area_Ha
1	KHAMMAM	KHAMMAM	KOTHAGUDEM	KOTHAGUDEM	CHATHAKONDA	HEMACHANDRAPURAM	3	1	500.0	5000.545	1.10	0.550
2	KHAMMAM	KHAMMAM	KOTHAGUDEM	KOTHAGUDEM	CHATHAKONDA	HEMACHANDRAPURAM	1	1	800.0	2591.198	1.40	0.363
3	KHAMMAM	KHAMMAM	KOTHAGUDEM	KOTHAGUDEM	CHATHAKONDA	HEMACHANDRAPURAM	1	1	1000.0	7582.233	1.80	1.365
4	KHAMMAM	KHAMMAM	KOTHAGUDEM	KOTHAGUDEM	CHATHAKONDA	CHATHAKONDA	1	1	110.0	1776.750	0.70	0.124
5	KHAMMAM	KHAMMAM	KOTHAGUDEM	KOTHAGUDEM	CHATHAKONDA	CHATHAKONDA	1	1	63.0	252.300	0.70	0.018
6	KHAMMAM	KHAMMAM	KOTHAGUDEM	KOTHAGUDEM	CHATHAKONDA	CHATHAKONDA	1	1	300.0	1534.322	0.90	0.138
7	KHAMMAM	KHAMMAM	KOTHAGUDEM	KOTHAGUDEM	CHATHAKONDA	CHATHAKONDA	1	1	110.0	392.390	0.70	0.027
8	KHAMMAM	KHAMMAM	KOTHAGUDEM	KOTHAGUDEM	CHATHAKONDA	CHATHAKONDA	2	1	63.0	79.649	0.70	0.006
9	KHAMMAM	KHAMMAM	KOTHAGUDEM	KOTHAGUDEM	CHATHAKONDA	CHATHAKONDA	2	1	110.0	187.319	0.70	0.013
10	KHAMMAM	KHAMMAM	KOTHAGUDEM	KOTHAGUDEM	CHATHAKONDA	CHATHAKONDA	2	1	63.0	2285.790	0.70	0.160
11	KHAMMAM	KHAMMAM	KOTHAGUDEM	KOTHAGUDEM	CHATHAKONDA	CHATHAKONDA	2	1	225.0	248.016	0.90	0.022
12	KHAMMAM	KHAMMAM	KOTHAGUDEM	KOTHAGUDEM	CHATHAKONDA	CHATHAKONDA	2	1	180.0	316.492	0.80	0.025
13	KHAMMAM	KHAMMAM	KHAMMAM	KAREPALLI	TADIKALAPUDI	N.S. KOTHUR	23	2	125.0	2265.150	0.70	0.159
14	KHAMMAM	KHAMMAM	KHAMMAM	KAREPALLI	TADIKALAPUDI	N.S. KOTHUR	23	2	63.0	181.327	0.70	0.013
15	KHAMMAM	KHAMMAM	KHAMMAM	KAREPALLI	TADIKALAPUDI	N.S. KOTHUR	23	2	75.0	2095.916	0.70	0.147
16	KHAMMAM	KHAMMAM	KHAMMAM	KAREPALLI	TADIKALAPUDI	N.S. KOTHUR	23	2	63.0	759.548	0.70	0.053
17	KHAMMAM	KHAMMAM	KOTHAGUDEM	RAMAVARAM	RAMAVARAM	RAMAVARAM	3	3	125.0	4075.844	0.70	0.285
18	KHAMMAM	KHAMMAM	KOTHAGUDEM	RAMAVARAM	RAMAVARAM	GAREEBPET	5	3	110.0	2563.859	0.70	0.179
19	KHAMMAM	KHAMMAM	KOTHAGUDEM	RAMAVARAM	RAMAVARAM	RAMAVARAM	1	3	90.0	3146.908	0.70	0.220
20	KHAMMAM	KHAMMAM	KOTHAGUDEM	RAMAVARAM	RAMAVARAM	RAMAVARAM	2	3	63.0	419.318	0.70	0.029
21	KHAMMAM	KHAMMAM	KOTHAGUDEM	RAMAVARAM	RAMAVARAM	RAMAVARAM	2	3	300.0	699.425	0.90	0.063
22	KHAMMAM	KHAMMAM	KOTHAGUDEM	RAMAVARAM	RAMAVARAM	RAMAVARAM	2	3	250.0	1050.822	0.90	0.095
23	KHAMMAM	KHAMMAM	KOTHAGUDEM	RAMAVARAM	RAMAVARAM	GAREEBPET	10	3	75.0	760.615	0.70	0.053
24	KHAMMAM	KHAMMAM	KOTHAGUDEM	RAMAVARAM	RAMAVARAM	GAREEBPET	10	3	140.0	581.609	0.70	0.041
Total										4.148		

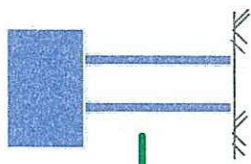
"Counter Signed"

Superintending Engineer
TDWSP Circle Khammam

Chief Engineer
TDWSP, Hyderabad

Telangana Drinking Water Supply Project- Segment 25 of Sub Segment 5th Inclined-25-6

OHBR at 5th Incline



Illandu Constituency



Kothagudum Mandal



Vanama
Nagar

Bethampudi
Village



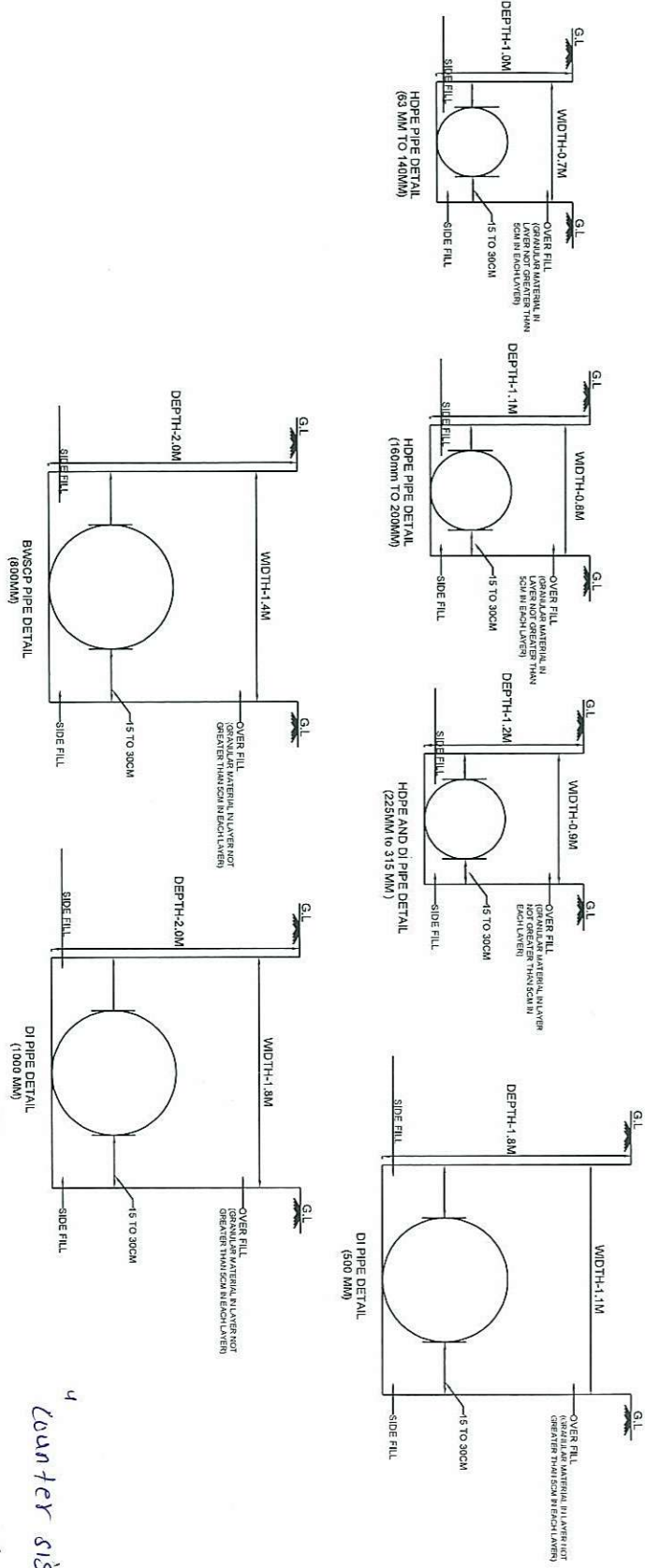
"counter signed"

[Signature]

Superintending Engineer
TDWSP (Circle) Khammam

[Signature]
Chief Engineer
TDWSP, Hyderabad

TELANGANA DRINKING WATER SUPPLY PROJECT - SEGMENT-25/6
MAP SHOWING PIPELINE CROSS-SECTION IN FOREST AREA OF KHAMMAM.



SE/Tous 1/1mm

Chief Engineer
TDWSP (RWS&S), Hyderabad

Counter signed