

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 25/13 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 1000KL GLBR at Thoggudem gutta and from there the Drinking water is Supplied to Villages of Sathupalli and Chandrugonda Mandals through Gravity.

Proposed Project area and coverage in Segment – 25/13:

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)	::	0.379 TMC	
Length of Trunk Main	::	18.00 Km.	
Length of Secondary Mains	::	296Km.	
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 25/13(RC.PURAM AT DANAVALA 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	From Clear water sump to GLBR at Danavula gutta in Kothagudem Division	7748.820	63 to 900 mm	0.70 - 1.5	1.00 - 2.00	0.873
2	GLBR at Danavula gutta	Struture				0.283
3	From GLBR at Danavula gutta Sathupalli & Mulakalapalli Mandal in Khammam Division	27596.760	63 to 900 mm	0.70 - 1.5	1.00 - 2.00	2.81
4	GLBRS and other structures at Thoggudem gutta	Struture				0.000
	Total	35345.580				3.964
	Area required	3.9640	Ha			


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 Circle, Khammam

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 Chief Engineer
 TDWSP Hyderabad

AREA STATEMENT OF RAMACHANDRAPURAM SEGMENT NO 25-13 - KHM							
Set	Structure type	Pipe Dia	width m	Length in m	Area_Ha	Total area in Ha	DIVISION
1	PIPELINE	900	1.50	1231.23686	0.185	0.468	KOTHAGUDEM
	GLBR	-	-	-	0.283		
2	PIPELINE	350	1.10	3657.79038	0.402	0.637	KOTHAGUDEM
	PIPELINE	350	1.10	2134.52813	0.235		
3	PIPELINE	63	0.70	725.26651	0.051	0.051	KOTHAGUDEM
4	PIPELINE	700	1.30	4608.51507	0.599	0.675	KHAMMAM
	PIPELINE	180	0.80	955.88791	0.076		
5	PIPELINE	180	0.80	5595.05293	0.448	0.448	
6	PIPELINE	180	0.80	2097.40854	0.168	0.252	
	PIPELINE	63	0.70	1196.85856	0.084		
7	PIPELINE	900	1.50	6413.63439	0.962	1.024	
	PIPELINE	63	0.70	885.20298	0.062		
8	PIPELINE	75	0.70	1635.26161	0.114	0.148	
	PIPELINE	63	0.70	485.25494	0.034		
9	PIPELINE	140	0.70	3723.68737	0.261	0.261	
TOTAL				35345.58617	3.964	3.964	



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sino	circle	Dist	Division	Range	Section	Beat	Cop no	Set no	Lenth	width	Dia	SEG no	Area.Hc
1	KHAMMAM	KHAMMAM	KOTHAGUDEM	RAMAVARAM	CHAPARLAPALLI	CHAPARALAPALLY_EAST	45	1	1231.23685755000	1.500000000000	900	25-13	0.185
1	KHAMMAM	KHAMMAM	KOTHAGUDEM	RAMAVARAM	CHAPARLAPALLI	CHAPARALAPALLY_EAST	45	1	GLBR	structure		25-13	0.283
2	KHAMMAM	KHAMMAM	KOTHAGUDEM	RAMAVARAM	ABBUGUDEM	MARRIGUDEM	38	2	2134.52813104000	1.100000000000	350	25-13	0.235
3	KHAMMAM	KHAMMAM	KOTHAGUDEM	RAMAVARAM	ABBUGUDEM	ABBUGUDEM	34	2	3657.79038045000	1.100000000000	350	25-13	0.402
4	KHAMMAM	KHAMMAM	KOTHAGUDEM	RAMAVARAM	ABBUGUDEM	DAMARACHRLA	32	3	725.26650793600	0.700000000000	63	25-13	0.051
5	KHAMMAM	KHAMMAM	KHAMMAM	SATHUPALLI	YATALAKUNTA	PENTALAM	133	4	4608.51507438000	1.300000000000	700	25-13	0.599
6	KHAMMAM	KHAMMAM	KHAMMAM	SATHUPALLI	YATALAKUNTA	PENTALAM	143	4	955.88791427700	0.800000000000	180	25-13	0.076
7	KHAMMAM	KHAMMAM	KHAMMAM	SATHUPALLI	RUDHRAKSHAPALLY	CHANDRAIPALEM	350	7	6413.63438565000	1.500000000000	900	25-13	0.962
8	KHAMMAM	KHAMMAM	KHAMMAM	SATHUPALLI	RAJAPURAM	RAJAPURAM(NAMARAM)	149	5	5595.05292501000	0.800000000000	180	25-13	0.448
9	KHAMMAM	KHAMMAM	KHAMMAM	SATHUPALLI	RUDHRAKSHAPALLY	BUGGAPADU	350	7	885.20297609600	0.700000000000	63	25-13	0.062
10	KHAMMAM	KHAMMAM	KHAMMAM	SATHUPALLI	SATTUPALLY	CHERUKUPALLI	162	6	2097.40854233000	0.800000000000	180	25-13	0.168
11	KHAMMAM	KHAMMAM	KHAMMAM	SATHUPALLI	RUDHRAKSHAPALLY	KAKARLAPALLI	162	6	1196.85855898000	0.700000000000	63	25-13	0.084
12	KHAMMAM	KHAMMAM	KHAMMAM	DAMMAPET	DOMMAPETA	MUSTIBANDA	315	8	1635.26160518000	0.700000000000	75	25-13	0.114
13	KHAMMAM	KHAMMAM	KHAMMAM	DAMMAPET	DOMMAPETA	MUSTIBANDA	315	8	485.25493631500	0.700000000000	63	25-13	0.034
14	KHAMMAM	KHAMMAM	KHAMMAM	SATHUPALLI	SATTUPALLY	SATHUPALLI	168	9	3723.68737380000	0.700000000000	140	25-13	0.261
												total Hc	3.964

"Counter Signed"


Chief Engineer
TDWSP, Hyderabad


Superintending Engineer
TDWSP Circle, Khammam

FORM - 1
(For linear projects)
Government of Telangana
Office of the District Collector, Khammam

No:

Dated:

TO WHOMSOEVER IT MAY CONCERN

In compliance of the Ministry of Environment and Forests (MoEF), Government of India's letter No. 11-9/98- FC(pt) dated 3rd August 2009 where in the MOFF issued guidelines on submission of evidence for having initiated and completed the process of settlement of rights under the Scheduled Tribes and other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006 (FRA, for short) on the forest land proposed to be diverted for non-forest purposes read with MoEF's letter dated 5th February 2013 where in MoEF issued certain relaxation in respect of linear projects, it is certified that 3.964 hectares of forest land proposed to be diverted in favour of TDWSP(Rural water supply RWS&S) (name of user agency) for Telangana Drinking water supply project(purpose for diversion of forest land) in Khammam district falls within Venkatapuram, Regalapadu, Village(s) in tehsils.

It is further certified that:

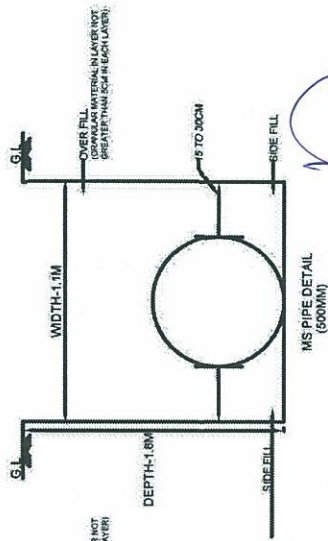
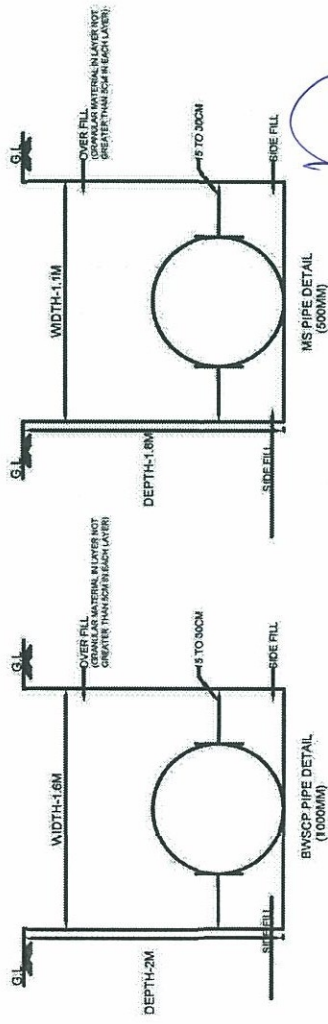
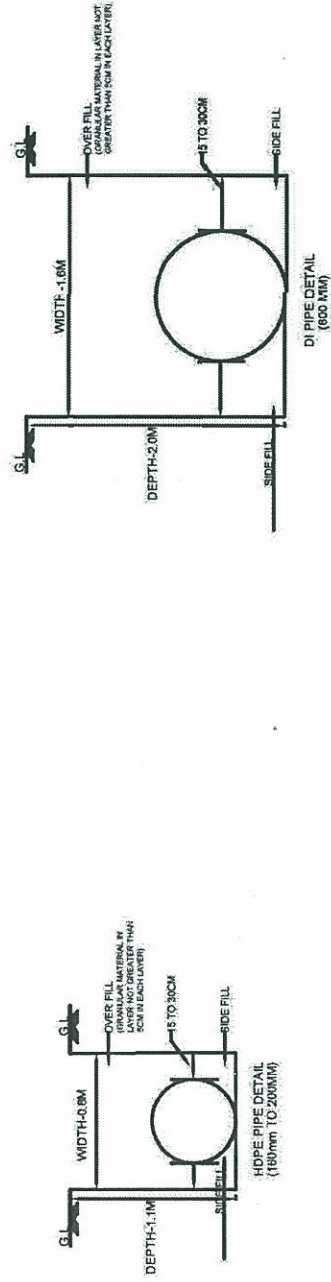
- (a) The complete process for identification and settlement of rights under the FRA has been carried out for the entire 3.964 hectares of forest area proposed for diversion. A copy of records of all consultants and meetings of the Forest Rights Committee(s), Gram Sabha(s), Sub division Level Committee(s) and the District Level Committee are enclosed as annexure.....to.....annexure
- (b) The diversion of forest land for facilities managed by the Government as required under section 3 (2) of the FRA have been completed and the Grama sabhas have given their consent to it.
- (c) The proposals do not involve recognised rights of Primitive Tribal Groups and pre-agricultural Communities.

Encl; As above

Signature

(Full name and official seal of the District Collector)

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



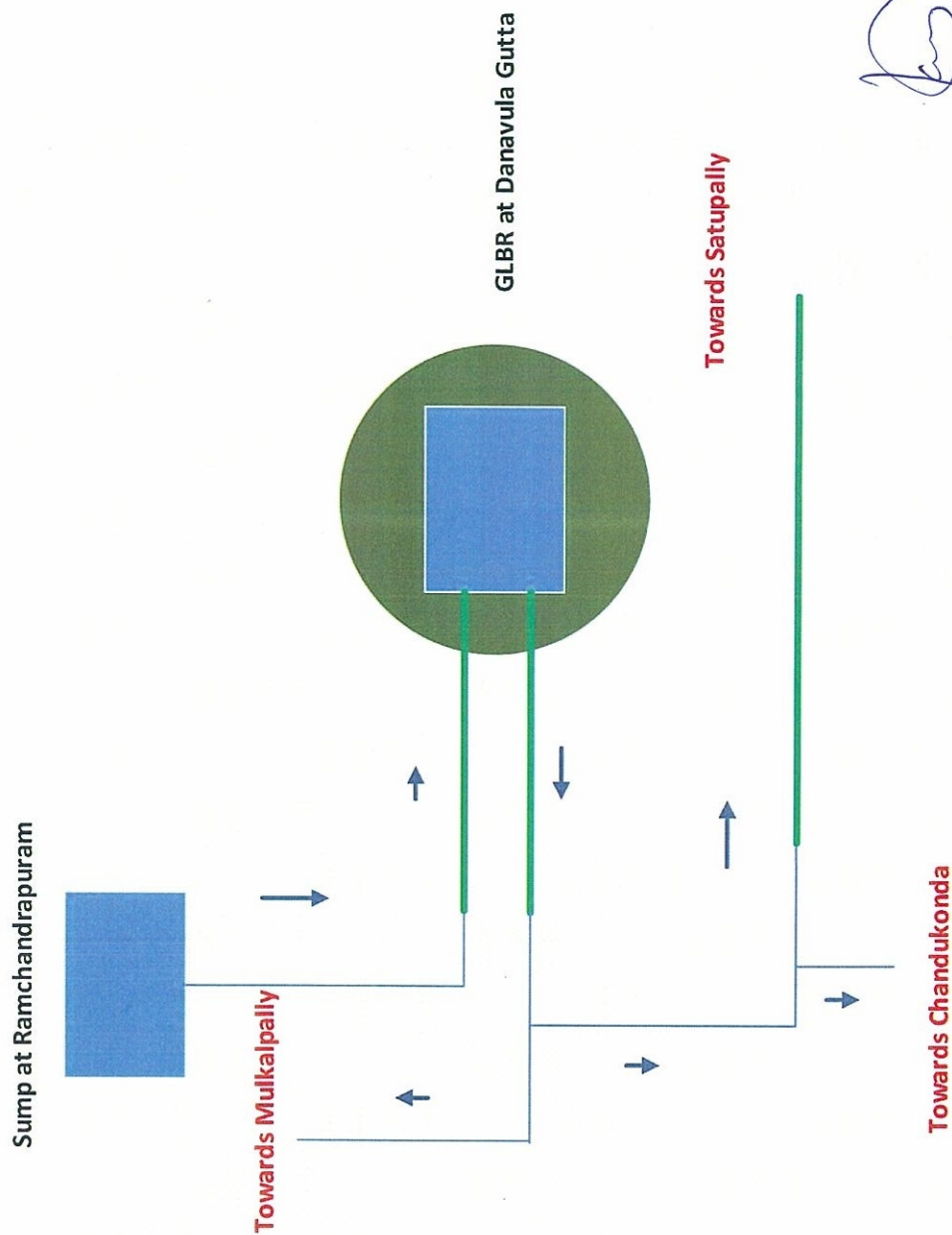
DJ PIPE DETAIL
(600 MM)

MS PIPE DETAIL
(600MM)

BWSQP PIPE DETAIL
(1000MM)

Chief Engineer
 TDWSP, Hyderabad

Superintending Engineer
 TDWSP Circle, Khammam



"counter signed"

Superintending Engineer
TDWSP (Circ) Khammam

Chief Engineer
TDWSP, Hyderabad