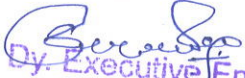
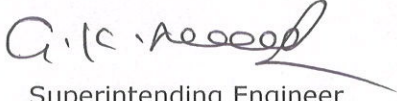



1. UNDERTAKING

The Telangana Panchayat Raj & Rural Water Supply and Sanitation Department undertakes to bear Cost of rising and maintenance of Compensatory Afforestation and/or Penal Compensatory Afforestation, as per the Scheme prepared by the State Government in connection with diversion of **9.891 Ha.** of Forest land in Mahabubnagar division for **"TELANGANA DRINKING WATER SUPPLY PROJECT for Laying of Pipe Line and Construction of Structures for Providing Safe Drinking Water in Nagarkurnool Constituency in Mahabubnagar District"**. We also undertake to pay additional amount if any due to escalation or any changes at later date as per the demand raised by forest authorities.


Dy. Executive Engineer
RWS & S, TDWSP Sub-Division
Nagarkurnool

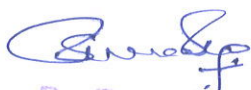

Superintending Engineer
TDWSP Circle,
Mahabubnagar (Dist).

"Counter signed"

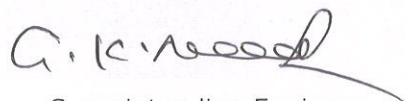

Chief Engineer
TDWSP, Hyderabad

2. CERTIFICATE

The Telangana Panchayat Raj & Rural Water Supply and Sanitation Department has requested the District Collectors of Telangana for Sparing of equivalent Non-Forest land towards CA in lieu of forest land proposed for diversion for **"TELANGANA DRINKING WATER SUPPLY PROJECT for Laying of Pipe Line and Construction of Structures for Providing Safe Drinking Water in Nagarkurnool Constituency in Mahabubnagar District"**.



Dy. Executive Engineer
RWS & S, TDWSP Sub-Division
Nagarkurnool



Superintending Engineer
TDWSP Circle,
Mahabubnagar.


"Counter Signed"



Chief Engineer
TDWSP, Hyderabad

3. CERTIFICATE

This is to certify that the Proposed Forest area for Diversion is the Minimum and is essentially required for **"TELANGANA DRINKING WATER SUPPLY PROJECT for Laying of Pipe Line and Construction of Structures for Providing Safe Drinking Water in Nagarkurnool Constituency in Mahabubnagar District"**.


Dy. Executive Engineer
RWS & S, TDWSP Sub-Division
Nagarkurnool



Superintending Engineer
TDWSP Circle,
Mahabubnagar.

"Counter Signed"


Chief Engineer
TDWSP, Hyderabad

4. UNDERTAKING

The Telangana Panchayat Raj & Rural Water Supply and Sanitation Department hereby undertakes to pay the Net Present Value for acquisition of forest land for **"TELANGANA DRINKING WATER SUPPLY PROJECT for Laying of Pipe Line and Construction of Structures for Providing Safe Drinking Water in Nagarkurnool Constituency in Mahabubnagar District"** as per the assessment made by the forest Department. In Case any alternation is made by the Forest Department, the amount will be paid by the RWSS Dept.

7. also undertake to pay the additional amount if any due to escalation or any other charges at later date as per the demand raised by the forest authorities. A.C. Reddy

Superintending Engineer
TDWSP Circle,
Mahabubnagar.

[Signature]
Dy. Executive Engineer
RWS & S, TDWSP Sub-Division
Nagarkurnool

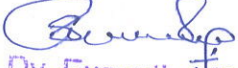
"Counter Signed"

[Signature]
Chief Engineer
TDWSP, Hyderabad

Certificate

5. Undertaking to pay cost of exploitation of Tree Growth in diverted forest area and also bear the escalation Costs


We do hereby give an unconditional and irreversible undertaking to pay the cost of exploitation of the Tree Growth existing on the forest land proposed for diversion under the project **"TELANGANA DRINKING WATER SUPPLY PROJECT for Laying of Pipe Line and Construction of Structures for Providing Safe Drinking Water in Nagarkurnool Constituency in Mahabubnagar District"** as and when demanded by the forest authorities and also undertake to pay the additional amount if any due to escalation or any other changes at later date as per the demand raised by the forest authorities.


Dy. Executive Engineer
RWS & S, TDWSP Sub-Division
Nagarkurnool

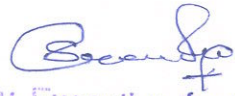


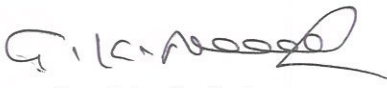
Superintending Engineer
TDWSP Circle,
Mahabubnagar.

"Counter Signed"



Chief Engineer
TDWSP, Hyderabad

DETAILS OF SURVEY INSTRUMENTS USED				
S.No	Name of the Agency	Instruments used	Persons involved	Period of Survey
1	M/s MEIL ,Hyderabad	1.DGPS make:Trimble (R4) & South (S8624B117124856GM),(S8624B117124723GM), (S8625B117124814GEM)	Mr.Shyam,Sr. Engineer	November 2015

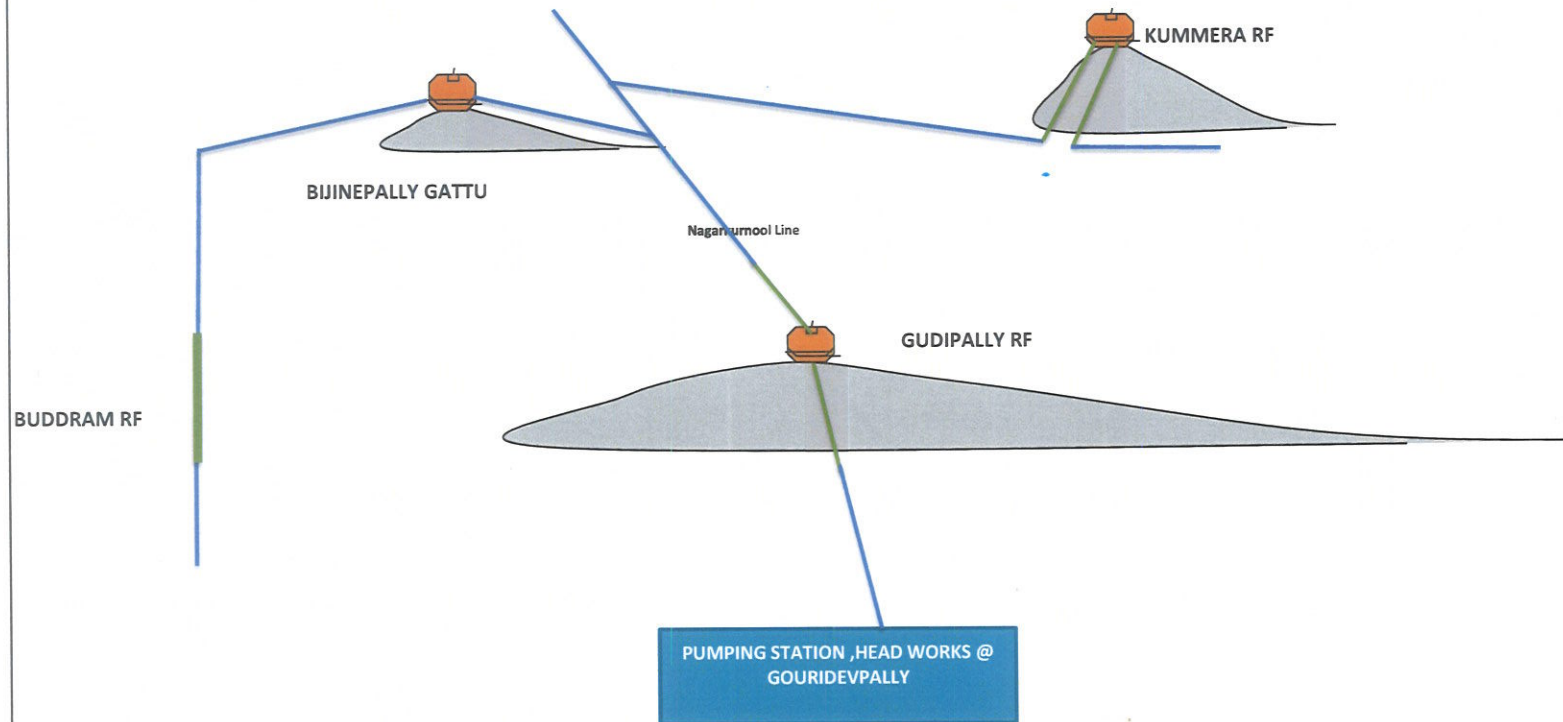

 Dy. Executive Engineer
 RWS & S, TDWSP Sub-Division
 Nagarkurnool


 Superintending Engineer
 TDWSP Circle,Mahabubnagar

"Counter Signed"


 Chief Engineer
 TDWSP,Hyderabad

FLOW DIAGRAM
TELANGANA DRINKING WATER SUPPLY PROJECT
SEGMENT-1/2, NAGARKURNOOL, MAHABUBNAGAR DISTRICT.



LEGEND	
ITEM	PROPOSED
PIPE LINES	
FOREST LINE	
STRUCTURE IN FOREST(ELBRs)	

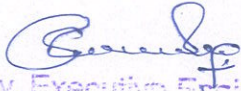
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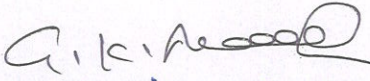
Chief Engineer
 TDWSP, Hyderabad


Superintending Engineer
 TDWSP Circle, Mahabubnagar

Dy. Executive Engineer
 RWS & S, TDWSP Sub-Division
 Nagarkurnool

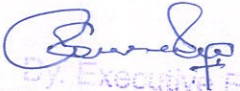
S.No	DISTRICT	SEGMENT NAME	COMP_NO	DIVISION	RANGE	BEAT	BLOCKNAME	SECTION
1	MAHABUBNAGAR	Seg -01 MBNR	489	MAHABUBNAGAR	WANAPARTHY	GUDIPALLY	GUDIPALLY	BUDDARAM
2	MAHABUBNAGAR	Seg -01 MBNR	487	MAHABUBNAGAR	WANAPARTHY	BUDDARAM	BUDDARAM	BUDDARAM
3	MAHABUBNAGAR	Seg -01 MBNR	534	MAHABUBNAGAR	WANAPARTHY	KUMMERA	KUMMERA	BUDDARAM

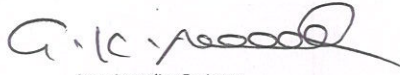

 Dy. Executive Engineer
 RWS & S, TDWSP Sub-Division
 Nagarkurnool


 Superintending Engineer
 TDWSP Circle, Mahabubnagar



 Chief Engineer
 TDWSP (RWS&S), Hyderabad.

DETAILS OF FOREST AREA INVOLVED														
Sl No	Division	Range	Section	Beat	Compt. No	Stretches	Details	Pipe Dia in 'mm'	Length in 'm'	Width in 'm'	AREA IN SQ M	Pipeline Area in "ha"	Structures Area in "ha"	Total Area in 'Ha'
1	Mahabubnagar	Wanaparthi	Buddaram	Gudipally	489	Pipeline	Pipeline	2200,2200,800,800	657.700	30.00	19730	1.973		1.973
									696.530	42.00	29250	2.925		2.925
						Elevated Level Balancing Reservoirs area on Gudipally Gattu	Structure/WTP			ELBRs	42910		4.291	4.291
2	Mahabubnagar	Wanaparthi	Buddaram	Buddaram	487	Pipeline	Pipeline	250	1333.917	2.00	2670	0.267		0.267
3	Mahabubnagar	Wanaparthi	Buddaram	Kummera	534	Pipeline	Pipeline	400	268.029	8.00	2140	0.214		0.214
						Elevated Level Balancing Reservoir area on Kummera Gattu	Structure/WTP			ELBRs	2200		0.220	0.220
									2956.18	Total Area in "Ha"		5.380	4.511	9.891


 Dy. Executive Engineer
 RWS & S, TDWSP Sub-D.
 Nagarkurnool

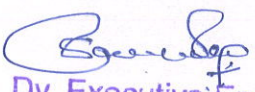

 Superintending Engineer
 TDWSP Circle, MBNR

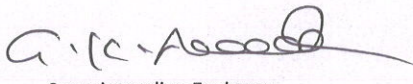
"Counter Signed"


 Chief Engineer
 TDWSP, Hyderabad


**STATEMENT SHOWING FOR PERMISSION FOR LAYING THE DRINKING WATER SUPPLY PIPELINE AND CONSTRUCTION OF STRUCTURES IN
FOREST AREA IN MAHABUBNAGAR DISTRICT.**

SET No	Stretches	Pipe Dia in 'mm'	Width in 'm'	Length in 'm'	AREA IN SQ M	Area in 'Ha'	Net Area in 'Ha'
1	Pipeline	2200,800	30.00	657.70	19730	1.973	
1	Pipeline	2200,800	42.00	696.53	29250	2.925	
1	Elevated Level Balancing Reservoirs area on Gudipally Gattu		ELBRs		42910	4.291	
2	Pipeline in Buddaram RF	250	2.00	1333.92	2670	0.267	
3	Pipeline in Kummera RF	400	8.00	268.03	2140	0.214	
3	Elevated Level Balancing Reservoir area on Kummera Gattu		ELBR		2200	0.220	
			Total Area in 'Ha'		91891	9.891	


Dy. Executive Engineer
RWS & S, TDWSP Sub-Division
Nagarkurnool


Superintending Engineer
TDWSP Circle, Mahabubnagar

"Counter Signed"



Chief Engineer
TDWSP, Hyderabad

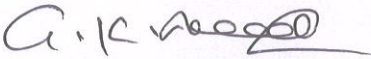
Statement showing the proposal for permission for laying the drinking water supply pipe line in reserve forest area in Mahabubnagar District.

The area of operation for clearance is as follows :


S NO	Stretches	Length in mts	Dia of pipe in mm	Width	Depth	Area in Hectares
1	Foot of Gudipally Gattu to ELBRs for Pumping Main	657.700	2200(2 ROWS)	9.00	4.00	1.184
2	Foot of Gudipally Gattu to ELBRs for Pumping Main	657.700	800(2 ROWS)	6.00	2.00	0.789
3	ELBRs to Foot of Gudipally Gattu for Gravity Main	696.530	2200(2 ROWS)	9.00	4.00	1.825
4	ELBRs to Foot of Gudipally Gattu for Gravity Main	696.530	800(2 ROWS)	6.00	2.00	1.100
5	ELBRs on Gudipally Gattu					4.291
6	Pumping Main from Buddaram Gate to Allipur Gate in Buddaram RF	1333.917	250	2.00	1.50	0.267
7	ELBRs to Foot of Kummera Hillock for Gravity Main in Kummera RF	268.029	400(2 ROWS)	8.00	2.00	0.214
8	ELBR on Kummera Hillock					0.220
	Total	2956.18				9.891

Area required 9.891 Ha


 Dy. Executive Engineer
 RWS & S, TDWSP Sub-Division
 Nagarkurnool


 Superintending Engineer
 RWS&S ,TDWSP
 Mahabubnagar

"Counter Signed"


 Chief Engineer
 TDWSP, Hyderabad