



BRIEF SUMMARY

of

Dr.B.R.AMBEDKAR PRANAHITA PROJECT, ADILABAD BARRAGE & CANAL, TUMMIDIHETTI (V) , KOUTHALA (M), ADILABAD DISTRICT, TELANGANA STATE

Location of dam:

Dr. B.R. Ambedkar Pranahitha Project envisages diversion of 20 TMC of water by constructing a barrage across river Pranahitha near the confluence of rivers Wardha and Wainganga at Tummidi Hetti (V), Koutala(M), Adilabad District of Telangana State. This project contemplates to provide Irrigation facilities for an ayacut of 2,00,000 acres in drought prone areas in East Adilabad District of Telangana State.

Chaprala Wild Life Sanctuary is located at a distance of 2.15 Kms from the Barrage alignment. However the Chief Conservator of Forest Chandrapur has issued NOC for the above project and subsequently the Sub DFO Allapally have also been issued NOC to take up the Barrage.

Latitude and Longitude: 79°47.0' E 19° 35' 45" N in Telangana and 79°47.5' E 19° 37' N

Topo sheet No.: 56M/10, 56 M/14, 56 M/11, 56 M/15, 56 M/12 and 56 M/16

Details of Barrage:

Diversion of water from Pranahitha River	: 20 TMC (unlined)
Maximum flood discharge	:62,231.27 cumecs
FRL	:+148.00m
Crest level	:+142.00 m
T.B.L of Earth bunds	: +153.50
Total length of Barrage (including Earth Bund)	: 6477 m
Concrete section across River waterway	: 3276 m
Earthen Dam on Left Bank (M.H.)	: 2301 m
Earthen Dam on Left Bank (T.S.)	: 900 m



Ayacut:

This project contemplates to provide Irrigation facilities for an ayacut of 2,00,000 Acres in drought prone areas in East Adilabad District of Telangana State. The Package wise details of ayacut are given below:

S.No	Mandal	Proposed Area (Acres)	Additional Ayacut (Acres)	Total Area (Acres)
1) Chennur Assembly Constituency				
1	Chennur	15215	-	15215
2	Kotapally	13357	-	13357
3	Jaipur	2928	-	2928
	Sub total	31500		31500
2) Bellampally Assembly Constituency				
A	Vemanpally	3810		3810
B	Nennel	690	19556	20246
C	Tandur	-	19700	19700
	Bheemini	-	21500	21500
	Bellampally	-	7870	7870
	Sub total	4500	68626	73126
3) Sirpur Assembly Constituency				
A	Kowtala	1320	12452	13772
B	Dahegaon	88880	10400	19280
C	Bejjur	10300	13700	24000
	Sub total	4500	68626	73126
4) Asifabad Assembly Constituency				
A	Rebbena	-	38830	38830
	Sub total		38830	38830
	Total	56500	144008	200508

Package wise detail of the proposed barrage and main canal:

Package – I : Excavation of PCSS main canal from Km 0.50 to Km 15.00

S.No	Description of Item	Total	Progress/Completed	Balance to be Tackled
1	Length of Canal in Kms	14.500	10.250	3.750
2	No.of CM/CD works	23	4	19



S.No	Description of Item	Total	Progress/Completed	Balance to be Tackled
3	LA as per original proposal without Lining in Acres.	1406.00	913.37	492.63

Description	Parameter Value
Discharge	50 cumecs/ 1765 cusecs
Bed Width	69.50 Mts
FSD	2.00 Mts

Package - II: Excavation of PCSS main canal from Km 15.00 to Km 28.50

S.No	Description of Item	Total as per Approved	Progress/Completed	Balance to be Tackled	
1	Length of Canal in Kms	13.500	3.700	9.800	
2	No.of CM/CD works	25	5/0	20	
3	LA as per original proposal without Lining in Acres	Non-Forest	943.24	201.68	741.56
		Forest	216.89	216.89	-

Description	Parameter Value
Discharge	50 cumecs / 1765 cusecs
Bed Width	69.50 Mts
FSD	2.00 Mts

Package - IV: Excavation of PCSS main canal from Km 28.50 to Km 71.50

S.No	Description of Item	Total as per Approved	Progress/Completed	Balance to be Tackled	
1	Length of Canal in Kms	42.5	24.525	17.975	
2	No. of CM/CD works	53	36/01	17	
3	LA as per original	Non-Forest	3502.67	2221.08	1281.59



	proposal without Lining in Acres	Forest	2455.10	2455.10	-
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Description	Parameter value
Discharge	50 cumecs / 1765 cusecs
Bed Width	69.50 Mts
FSD	2.00 Mts

Forest land details:

S.No	Package No.	District	Forest Division	Forest area as per proposal submitted to PCCF (in Ha)
1	2	Adilabad	Kagaznagar	87.4878
2	4	Adilabad	Kagaznagar	479.555
			Bellampally	479.620
			Mancherial	34.420
		Sub total	993.565	
		Grand total	1081.0478	

Benefit Cost Ratio : 1.477

Target Date For Completion

- i. Barrage : 2 years
- ii. Canal system : 1 years