

**SRI KOMARAM BHIM PROJECT**

**SALIENT FEATURES**

1.	Name of the project	:	Sri Komaram Bhim Project					
2.	Location	:	Ada village, Asifabad mandal, Adilabad district, Andhra Pradesh					
3.	Longitude	:	79° – 14' – 00" E					
4.	Latitude	:	19° – 26' – 00" N					
5.	Type of the project	:	Medium Irrigation					
6.	Source of water	:	Peddavagu, a tributary of Pranahita of G-9					
7(a)	Cultivable command area	:	45,500 acre					
(b)	Mandal-wise break up	:						
	<b>Left Flank Canal</b>			<b>Left Flank Additional Ayacut</b>		<b>Right Flank Ayacut</b>		<b>Total Ayacut</b>
	<b>Name of mandal</b>	<b>No. of villa- ges</b>	<b>Extent (acre)</b>	<b>No. of villa- ges</b>	<b>Extent (acre)</b>	<b>No. of villa- ges</b>	<b>Extent (acre)</b>	
	Asifabad	4	2978.89	-	-	11	6000	8978.89
	Wankidi	21	14993.14	-	-	-	-	14993.14
	Kaghaznagar	12	6527.97	14	9000	-	-	15527.97
	Sirpur		-	7	6000	-	-	6000
	<b>Total</b>	<b>37</b>	<b>24500</b>	<b>21</b>	<b>15000</b>	<b>11</b>	<b>6000</b>	<b>45500</b>
8.	Soils of command area	:	Black Cotton Soil and Red Soil					
9.	Cost of works	:	Rs. 450.14 cr					
10(a)	Foodgrains	:	79,350 MT of value of Rs.72.01 cr					
(b)	Flood control	:	Nil					
(c)	Drinking water	:	Facilities provided for drinking water for a population of 25,000 enroute 42 villages covering 4 mandals viz. Asifabad, Wankidi, Kaghaznagar and Sirpur.					
(d)	Employment potential	:	6,000 No. during construction					
(e)	Benefit to Cost Ratio	:	1.51 considering 200% intensity of irrigation					
	<b>Hydrology</b>							
1.	Catchment area of the reservoir site	:	1,132 sq.km. (437 sq.mile)					
2.	Average monsoon rainfall of catchment area	:	1,083 mm or 42.63 inch					
3.	75% dependable yield	:	251.13 M.cum. or 8.867 TMC					
4.	Irrigation demand	:	210.23 M.cum. or 7.424 TMC					
5.	Utilisation per hectare	:	0.021 M.cum. or 0.74 Mcft					

6.	Max. Flood Discharge	:	7,391 cumec or 2,61,000 cusec
7.	Standards	:	Sill: +224.0; MDDL: +226.5; Crest: +232.0; FRL: +243.0; TBL: +247.3
<b>Project Components</b>			
1.	Length of earth bund	:	1,012 m
2.	Max. height of bund	:	36.20 m
3.	Length of Spillway	:	188.0 m including NOF
4.	No. of vents	:	8 vents of 15 m X 10.50 m
5.	Length of canal	:	Left Flank Canal of length 65 km
6.	Submergence area	:	2,880 ha at +243.0 FRL (177 ha of reserved forest is coming under submergence at FRL +243.0)
7.	Rehabilitation	:	1,200 families are to be rehabilitated in 6 villages
8.	CWC clearance	:	The project was cleared by the Advisory Committee on Irrigation and Flood Control in its 73 <sup>rd</sup> meeting held on 31.5.2000.
9.	Period of completion	:	2 years and Extension of Time upto 31.12.2011.
10.	Implementation schedule	:	The project will be implemented by the Project Division, Asifabad under Medium Projects Circle, Bellampalli.
11.	Grounding of works	:	The works have been entrusted to M/s Navayuga Transtroy (JV) vide L.S. Agreement No. 28/2004-05 for Rs.220.0 cr under EPC system with a stipulated completion period of 24 months.
12.	Success ability of reservoir		
(a)	Gross storage	:	294.29 M.cum. or 10.393 TMC
(b)	Dead storage	:	50.26 M.cum. or 1.423 TMC
(c)	Live storage	:	244.03 M.cum. or 8.970 TMC
(d)	Demand	:	305.80 M.cum. or 10.80 TMC