

KALA BARRAGE PROJECT

SALIENT FEATURE

I. General:

1. State : Odisha.
2. District : Deogarh.
3. Sub-Division : Deogarh.
4. Village : Kaliapal
5. River/ Nallah : Kala.
6. Location : Lat 21⁰ 34' 48" N.
Long 85⁰ 04' 00" E.
7. Topo Sheet Ref. : 73 G/1, G/2, G/3,
73 C/13, C/14, C/15.
8. Nearest Railway Station : Bimlagarh

II. Hydrology:

1. Catchment Area : 185.00 Sqkm.
2. Rainfall :
 - a) Max. Annual Rain fall : 2486mm.
 - b) Average Annual Rain fall : 1554.78mm.
 - c) 75 % Dependable yield : 9533 Ham

III. Flood:

- Design flood at Barrage site : 1194 Cumecs

IV. Principal Level:

1. MWL : 150.00m

2.	Pond Level	:	150.00m
3.	Average bed level	:	146.115m.
4.	Deepest bed level of River	:	142.23m.

V. Submergence Details:

Total land submerged	:	21.15 Ha.
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VI. Details of Command Area:

1.	G.C.A	:	4500 Ha.
2.	C.C.A	:	4050 Ha.

Irrigation:

a)	Khariff	:	3600 Ha.
b)	Annual Irrigation	:	3600 Ha.