

## SONO BARRAGE PROJECT SALIENT FEATURES

### I. General:

1. State	Odisha
2. District	Mayurbhanj
3. Block	G.B. Nagar
4. Village	Jaida
5. River	Sono
6. Location	Lat: 21 <sup>0</sup> -35'-15"N Long: 86 <sup>0</sup> -38'-15"E
7. Toposheet reference	73-K/5, K/6, K/9, K/10 & K/14

### II. Hydrology:

1. Catchment Area	678.00 Sq km
2. 75% dependable yield	30130 Ham.
3. Design Flood	3969 Cumecs
4. Max. Annual Rainfall	2884 mm
5. Min. Annual Rainfall	1255 mm
6. Av. Annual Rainfall	1858.79 mm

### III. Principal Levels :

1. M.W.L	30.5 m.
2. Pond level	30.5 m.
3. Crest level	25.5 m.
4. Deepest Bed level	24 m.

### IV. Submergence Details:

1. No. of villages to be submerged	Nil
------------------------------------	-----

## V. Barrage:

- |                 |                  |
|-----------------|------------------|
| 1. Type         | Concrete Barrage |
| 2. Size of gate | 12.0 m. X 6.0 m. |
| 3. Type of gate | Vertical         |

## VI. Details of Command Area:

- |                            |           |
|----------------------------|-----------|
| 1. G.C.A                   | 12530 Ha. |
| 2. C.C.A (Sono)<br>Khariff | 9900 Ha.  |