

INDENT FOR STRUCTURAL DESIGN TO IDRB			
CHECK DAM			
1*	Name of work		
2*	Date		
3*	IP address		
A	General Details and Location of Work		
1*	Location		
2*	Latitude		
3*	Longitude		
4*	Name of river/stream		
5*	Altitude from mean sea level		
6*	District		
7*	Taluk		
8*	Assembly constituency		
9*	Village		
10*	Panchayath/Municipality/Corporation		
B	Details of Officials Furnishing the Indent		
1*	Assistant Engineer	Office	
		Name	
2*	Assistant Executive Engineer	Office	
		Name	
3*	Executive Engineer	Office	
		Name	
4*	Superintending Engineer	Office	
		Name	
5*	Chief Engineer	Office	
		Name	
C	Nature of the Proposed Structure		
1*	Height of proposed structure		
D	Details of Rain Guage Stations		
1	Name of the nearest river gauge station		
E	Hydraulic Data		
1*	Maximum flood discharge		
2*	Depth of availability of rock in the river(to provide economical foundation)		
3	Flow nature of river /stream		
4	Confinement nature of river/stream		
5*	Mean width of river/stream at site		
6	Low water level		
7*	Maximum flood level		
8	Distance of site from the sea coast		
9	Catchment area(in case of small streams/thodu)		

10*	Bed level (mean)	
11	Bed slope(mean)	
F	Soil Investigation Details	
1*	Name of the agency with date conducting the soil investigation report and bore hole test	
2*	Detailed soil investigation report with bore hole details,specifying all soil parameters including sbc of foundation and specific recommendation of soil consultant	
3*	Bore hole location layoutwith at least two C/Sin the river bed for narrow streams	
G	List of Drawings(to scale)/Documents Enclosed	
1	List of existing check dams at upstream side up to 1 km including their distance from the proposed site	
2	List of existing check dams /regulators at downstream side up to 2 km including their distance from the proposed site	
3*	Cross section of river/stream at site including banks with levels properly marked	
4*	Cross section of river/stream at site including banks with levels properly marked(at 15.00m intervals for 60m upstream of site)	
5*	Cross section of river/stream at site including banks with levels properly marked(at 15.00m intervals for 60m downstream of site)	
6*	Site plan showing flow direction of the river	
7*	Location plan	
8*	Detailed proposal drawings	
9*	Scheme report giving details of scope of work,AS etc	

(*) Indicated fields are mandatory