

**NABARD (RIDF-XXIII) 2017-2018  
ANNEXURE – II-A  
TECHINACAL DETAILS OF THE PROJECT**

**STATE : TAMIL NADU**

**PROJECT IMPLEMENTING DEPARTMENT:-**

**SECTOR : AGRICULTURE AND ALLIED SECTOR**

**N.W.FORMATION OF A TANK ACROSS JUNGLE STREAM NEAR KANAKKAMPALAYAM VILLAGE IN GOBI TALUK OF ERODE DISTRICT**

S. No.	Particulars	Details		Remarks
1	Name of Work			
	Formation of a Tank across Jungle Stream near Kanakkampalayam Village in Gobi Taluk of Erode District			
A	Location (lat-Long)	11° 33'31" N	77° 26'21"E	
B	Hydraulics Particulars (details)		(Applicable for Irrigation & Flood Control infrastructure projects)	
i	Basin / Sub Basin	Cauvery/Bhavani		
ii	Free catchment	7.93 sqmiles		
iii	Combined catchment	7.93 sqmiles		
iv	Equivalent catchment	7.93 sqmiles		
v	Rainfall station	Gobichettipalayam		
vi	Yield per square mile of catchment area	8.96 Mcft		
vii	Yield from catchment	71.05 Mcft		
viii	'C' Value for Hilly Region (Ryve's formula)	2000		
ix	Maximum Flood Discharge (Ryve's Formula)	7958.8 cusecs / 225.366 cumecs		
x	Designed max Flood Discharge	7981 cusecs / 225.995 cumecs		
xi	Capacity of the tank	28.75 Mcft		
xii	Annual storage in Mcft.	43.12 Mcft		
xiii	Dead Storage	0.20 Mcft		
xiv	Deepest Bed level	249.665 m		
xv	Full Supply level	260.000 m		
xvi	Maximum water level	261.000 m		