

**Name of Work:** Formation of a new Reservoir near Kannankottai and Thervoy kandigai Village in Gummidipoondi Taluk of Thiruvallur District.

**GENERAL ABSTRACT**

Sl. No	Description of work	Amount in Lakhs.
<b>A.DIRECT CHARGES</b>		
<b>I.FEASIBILITY STUDIES</b>		
1	Feasibility Studies	50.00 ✓
<b>II.LANDS</b>		
2	Land Acquisition for Formation of Reservoir, Offtake Canal and Diversion Canal with structural components including 30 % solatium charges, Revenue Establishment 9 %, legal charges 1% , interest rate 12 %, demarcation of Land 1%.	16000.00 ✓
<b>III. OFF TAKE CANAL</b>		
3	Excavation of Off-take canal	3185.53 ✓
4	Construction of Cross Regulator and Head Regulator at Offtake point ( 2 Nos)	160.17 ✓
5	Construction of Single Lane Bridges( 4 Nos )	322.92 ✓
6	Construction of Double Lane Bridges ( 2 Nos )	240.34 ✓
7	Construction of Super Passages ( 7 Nos )	640.98 ✓
8	Construction of Foot Bridges ( 4 Nos )	278.16 ✓
<b>Sub total for Off take Canal Works</b>		<b>4828.10</b> ✓
<b>IV .RESERVOIR</b>		
9	Earthen dam	5854.25 ✓
10	Surplus Weir	237.81 ✓
11	Drop Below Surplus Weir	185.25 ✓
12	Inlet @ L.S 940.00m.	182.82 ✓

Sl. No	Description of work	Amount in Lakhs.
13	Regulator cum Drop @ L.S 940.00m.	404.16
14	Diversion canal and Inlet @ L.S 340m and 1200m.	365.05
15	Surplus course	278.16
16	Drop Near Confluence Point of Surplus Course	176.23
17	Formation of New Road From Karadiputhur to Kannan Kottai Village.	421.42
18	Cause way @ L.S 3100 m. for Karadiputhur to Kannan Kottai road.	2.76
19	Bridge Below Thervoy Anicut	237.82
20	Bridge Across diversion canal @ L.S 1660m.	129.80
21	Improvements to Existing Surplus Course.	202.22
22	Removal of Kannan Kottai Tank Bund.	56.15
<b>Sub total for Reservoir Works</b>		<b>8733.90</b>

#### V. L S PROVISIONS

23	Guide wall for Earthen Dam	300.00
24	Provision for seigniorage Charges	750.00
25	Provision for Quality Control	100.00
26	Provision for lighting arrangements	10.00
	Provision for V Notches in the toe drain	20.00
	Provision for Expansion and Contraction joints	30.00
	Provision for fixing PVC Drainage spouts of 10CM Dia etc	10.00
27	Provision for Dewatering arrangements , Diversion arrangements and formation of Ring Bund and Cofferdams, Inspection Roads and Ramp	100.00
28	Provision for forming wave suppressors in Earthen Dam and steps.	75.00
29	Provision for advertisement charges.	50.00
30	Provision for WBM Road over Jeep Track including chute , toe drains and shifting of utility lines.	100.00
31	Provision for Bearing arrangements	50.00
32	Provision for Pressure Relief Valve and LDPE	40.00
33	Provision for Regulator Shutters in Canal and Reservoir	200.00



Sl.No.	Description of Work	Amount in Lakhs
34	Provision for Labour Welfare fund @ 0.3% of work value.	40.68
35	Provision for P.S charges, contingencies and unforeseen items.	250.00
36	Provision for Price Escalation Charges	563.00
37	Provision for construction of project house and camp office.	100.00
38	Provision for Soil testing	100.00
39	Provision for change in design	280.00
40	Maintenance charges	19.32
VI	<b>Environment and Ecology</b>	
41	Provision for environment and ecology	150.00
B.	<b>INDIRECT CHARGES</b>	
42	Provision for Audit and accounts	50.00
	<b>Grand Total</b>	<b>33000.00</b>

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22/11/14  
20/12/14