

(1) Number of pages 6
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MADRAS RECORD OFFICE

GOVERNMENT OF MADRAS

Revenue DEPARTMENT

G.O. No.	306.	Press
B.P. No.		Mis.
Dated	3. 2. 1876-196.	

Not to be folded or roughly handled

Proceedings of the Madras Government, Public Works Department,
21st January 1876.

No. 293.

Read the following:—

No. 49.

Note by the Chief Engineer for Irrigation.

The following estimates from the Serapoor Range are forwarded by the District Engineer, Chingleput, with his letter No. 2,791, dated 5th October 1875, marginally noted:—

Taluk.	1875-76, Estimate No.	Work.	Amount. RS.
Ponnary.	...	Repairing the Asanabothoor Large Tank and forming escape	2,070
Do.	...	Repairing Culpaukum Large Tank and forming an escape	1,530

2. The financial and hydraulic details of the Irrigation works concerned are exhibited in the following statements:—

I.—Financial Details.

Name of Work.	Ayacut, Area.	Assess- ment.	Average Revenue in 5 years.	Highest Revenue in 5 years.	Expenditure on Repairs during previ- ous 4 years.	AMOUNT OF ESTIMATE		
						Capital.	Reve- nue.	Total.
1	2	3	4	5	6	7		
	ACRES.	RS.	RS.	RS.	RS. A. P.	RS.	RS.	RS.
Asanabothoor Tank	259	1,224	1,191	1,269	210 12 3	189	1,381	2,070
Culpaukum Tank	185	897	744	806	334 10 9	18	1,512	1,530
						207	3,393	3,600

II.—Hydraulic Details.

Name of Work.	Catchment, Area.	MAXIMUM SUPPLY.		LENGTH OF WEIR AND ESCAPES.		MINIMUM HEIGHT OF BUND.		Surplus dis- charge at M.T.L.	Tanks above.
		Catch- ment.	Chan- nel.	total.	Effec- tive.	Above F.T.L.	Above M.T.L.		
	SQ. M.	C. FT. PER SECOND.	C. FT. PER SECOND.	FT.	FT.	FT.	FT.	C. FT. PER SECOND.	No.
Asanabothoor Tank	4.5	1,224	...	C = 37 W = 27 E = 311	31 243	3.0 5.0	1.5 5.0	527 5,930	Not stated.
Culpaukum Tank	1.75	730.5	...	...	...	3.5 5.0	2.0 5.0	B. Cut. 516	Do.

Note.—Abbreviations used:—

C. Calingulah with dam stones.

W. Weir with flush crest.

E. Escape at ground level.

B. Bund.

The actual dimensions and discharges are in black & those proposed, in red figures.

3. The following is a summary of the work proposed in each case:—

Asanabothoor Tank.—The tank which was breached in thirteen places by a cyclone in 1874 and by the overflow of the Naranaveram river is to be repaired, the bank turfed, and a permanent escape provided.

Culpaukum Tank.—This work also was breached in eleven places by the cyclone, the estimate provides for repairing and sectioning the bund and forming an escape.

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4. It is to be observed in the case of the Asanabothoor Tank that the length of surplus escape is somewhat excessive for the supply to be expected from the catchment basin of the tank, and that as regards the spill from the Naranaveram river, it is useless to attempt to secure these small reservoirs from accident caused by such overflow by means of surplus escapes. The proper remedy and one which is about to be applied by the Superintending Engineer is the embankment of the river itself. The supply to the tank which has to be considered in this, as in similar cases, is the drainage reaching it, exclusive of that from the river, overflowing its banks.

MADRAS, (Signed) A. DE C. SCOTT, Major, R.E.,
17th January 1876. for Chief Engineer for Irrigation.

No. 294. ORDER THEREON, 21st January 1876, No. 150.

IRRIGATION, No. 22.
Account.

The following estimates, forwarded by the Superintending Engineer, Chingleput district, are sanctioned:—

	Capital.	Revenue.
	rs.	rs.
Repairing the Asanabothoor Tank in the Ponnary taluq.	189	1,881
Chingleput district	...	...
Repairing the Culpaukum Tank in the same taluq.	18	1,512
	207	3,393
Total ...	3,600	

(True Extract.)

Comptroller Major-General, R.E.,
Secretary to Government.

To the District Engineer, Chingleput.
„ Collector of do.
„ Chief Engineer for Irrigation
„ Controller of Public Works Accounts
„ Revenue Department.

Exd. E. C. Shunker.

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1876 Sept
N^o 460.
Govt. of 1876 Madras
PUBLIC WORKS.

To
THE DISTRICT ENGINEER,
CHINGLEPUT,
&c., &c., &c.

Dated January 21st.

Issued

Recd. 3^d Feb.

Encl.

G. O., 21st January 1876, No. 150.

JANUARY.

Nos. 293-294

Asanabotham and Calpankum Tanks,
Chingleput District—Estimates amounting
to Rupees 2,000 for repairing the same
tioned.

N^o 306
Comm^d to the
Board of Revenue

3^d Feb. 76

9 To the Board of Revenue on 7/2/76.

New No. Sectt. I (i)-1—Old No. M.R.O. 1—10,006—10-6-83.

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