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TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

Revenue DEPARTMENT

G.O. No. / B.P. No.	759	Press / Mis.
Dated	28. 3. 1876	197 .

Not to be folded or roughly handled

Mora

759/1

Proceedings of the Madras Government, Public Works Department,
14*th March* 1876.

Read the following :—

No. 266.

No. 201. *Note by the Chief Engineer for Irrigation.*

THE following estimates from the Sirooloor Range are forwarded by the Superintending Engineer, Chingleput, with his letter marginally noted :—

No. 3,387, dated 14th November 1875.

Taluq.	Estimate No. 187 .	Work.	Amount.
			RS.
Ponnary	...	Rettanibedoo Tank	3,280
Do.	...	Thottacadoo large Tank	870

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

I.—Financial Details.

Name of Work.	Ayacut Area.	Assessment.	Average Revenue for 5 years.	Highest Revenue for 5 years.	Expenditure during previous 4 years.	Amount of Estimate.		
						Capital.	Revenue.	Total.
	ACRES.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
Rettanibedoo Tank	451	1,275	649	653	1,008	...	3,280	3,280
Thottacadoo large Tank	203	718	463	479	39	...	870	870

II.—Hydraulic Details.

Name of Work.	Catchment Basin Area.	Maximum Supply.		Length of Escape.		Average Height of Bund.		Surplus discharged at M.T.L. per Sec.	Tanks above.
		Catchment per Second.	Channels per Second.	Total.	Effective.	Above F.T.L.	Above M.T.L.		
	SQ. M.	C. FT.	C. FT.	FT.	FT.	FT.	FT.	C. FT.	No.
Rettanibedoo Tank ...	2	893	Not stated.	...	...	3·	1·	0·0	Not stated.
				E. 94	94	5· 2·25	3· ·75	893 0·0	1
Thottacadoo large Tank ...	1	562	...	...	...	3·5	2·	421·5	
				E. 91	91				

NOTE.—The proposed dimensions of escapes and heights of bund are printed in large type. The existing dimensions in small type. The following abbreviations are used. C.—Calingulah with dam stones. W.—Weir with flush crest. E.—Escape at ground level. B.—Bund of tank.

3. The following is a summary of the work proposed to be carried out :—

Rettanibedoo Tank.—The bund of this tank was breached in four places, and the inner bank is considerably eroded. The estimate provides for closing the breaches, sectioning and turfing the bund, and also for forming a permanent escape with laterite boulders.

Thottacadoo large Tank.—This tank was breached in four places by the breaching of other tanks above it, which are being repaired, and the bund is very much damaged. The estimate provides for sectioning and turfing the bund, and also for forming an escape.

4. The financial circumstances of the Rettanibedoo tank are apparently unsatisfactory. Including the recorded expenditure and the proposed outlay the debit against Revenue amounts to Rupees 4,288, or 132 per cent. average outlay on average

revenue. Moreover, the average revenue is only about 50 per cent. of the ayacut assessment. Full explanation should have been given regarding past expenditure, the cause of the small irrigated area, and the reason why previous outlay has been abortive.

5. The following statement shows the proposed distributions of the outlay recommended for sanction to the debit of the several Agricultural heads of account involved:—

Name of Tank.	Nature of Work.	HEADS OF ACCOUNT.			
		Capital, Ordinary.	Revenue. Extensions and Improvements.	Revenue. Repairs.	Total for each tank, &c.
		Rs.	Rs.	Rs.	Rs.
Rettanibedoo Tank	Repairing the bund	...	...	3,200	3,280
	Forming an escape with laterite boulders	...	80	...	
Thottacadoo large Tank	Repairing the bund	...	...	858	870
	Rough stones to protect ends of bund	...	12	...	

FORT ST. GEORGE,
29*th February* 1876.

(Signed) A. DEC. SCOTT, Major, R.E.,
Dy. Chief Engineer for Irrigation,
for *Chief Engineer for Irrigation.*

No. 202. ORDER THEREON, 14th March 1876, No. 662.

IRRIGATION, No. 18-A.

Account.

No. 266, dated 29th February 1876.

THE following estimates for Irrigation Works in the Sirooloor Range, Chingleput District, forwarded by the Chief Engineer for Irrigation with his memorandum marginally noted are sanctioned :—

Name of Work.	Provision of Estimate.	Fund.	Amount.	Irrigation Register No.
			Rs.	
Rettanibedoo Tank.	Repairing bund	Revenue Repairs ...	3,200	No. 50 I. of 1875-76.
	Forming an escape with laterite boulders.	Revenue Extensions and Improvements.	80	
Thottacadoo large Tank.	Repairing bund	Revenue Repairs ...	858	No. 51 I. of ,,
	Rough stone to protect ends of bund.	Revenue Extensions and Improvements.	12	

2. These sanctions are registered as shown above.

(True Extract.)

C. Walker Major-General, R.E.,
Secretary to Government.

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

Exd. E. C. Shunker.

14 Spare Copies

Revenue Department
No. 1250

Govt. of {1876} Madras.

PUBLIC WORKS.

To

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

Dated March 14th.

Issued

Recd. -"- 27:

Encl.

G. O., 14th March 1876, No. 662.

MARCH
Nos. 201 202

9 to the Board of Rev Dec 29 March

Tanks in the Sirooloor Range, Chingleput District.—Estimates for the repair of certain —, sanctioned.

No. 759
Communicated to the
Bd. of Revl

28 March 76