

(1) Number of pages 4

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TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

Revenue DEPARTMENT

G.O. No.	758	Press
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758

*Proceedings of the Madras Government, Public Works Department,
13th March 1876.*

Read the following :—

No. 263.

No. 166. *Note by the Chief Engineer for Irrigation.*

The following estimates from the Chingleput and Mount Ranges are forwarded by the Superintending Engineer, Chingleput, with his letter marginally noted :—

Taluq.	Estimate No. 187	Work.	Amount.
Chingleput	...	Goodavoyaloor and Iyapakam Hissa Tank ...	RS. 490
Sydapet	...	Ollagaram Tank	575

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.
Goodavoyaloor and Iyapakam Hissa Tank ...	ACRES. 104	RS. 352	RS. 295	RS. 310	RS. ...	RS. 110	RS. 380	RS. 490
Ollagaram Tank	97	241	218	227	...	175	400	575

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 Section.	Tanks above.
		Catchment per Second.	Channels per Second.	Total.	Effective.	Above F.T.L.	Above M.T.L.		
Goodavoyaloor and Iyapakam Hissa Tank.	SQ. M. 1.5	C. FT. 737	O. FT. ...	FT. E. 78	78	FT. 2.17	FT. 1.17	C. FT. 0.0	NO. Not stated.
Ollagaram Tank	1	562	...	C. 24 W. 24 W. 35	21 59	4 5	2 3	189 560.6	2

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 :—

Goodavoyaloor and Iyapakam Tank.—No remarks.

Ollagaram Tank.—This tank has a calingulah 24 feet in length, it is proposed to remove the dam stones, and to construct a rough stone flush escape 35 feet in length, making a total length of 59 feet available for surplus discharge. The estimate provides for raising and sectioning the bund, closing the breach, turfing, repairing sluice and extending the rough stone flush weir.

*Proceedings of the Madras Government, Public Works Department,
13th March 1876.*

4. The following statement shows the proposed distribution 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 Im- prove- ments.	Repairs.	Total for each Tank, &c.
Goodavoyaloor and Iyapa- kam Hissa Tank.	Raising, repairing, and strengthening the bund.	Rs. ...	Rs. ...	Rs. 350	Rs.
	Constructing a sluice	110	...	...	
	Total ...	...	...	...	400
Ollagaram Tank ...	Raising, repairing, and strengthening the bund.	...	...	350	
	Constructing a masonry flush escape	175	...	...	
	Improving the existing calingulah	...	50	...	
	Total ...	...	...	...	575

5. The provision of escape for the surplus of the Goodavoyaloor and Iyapakam Hissa tank is insufficient, and the length of escape should be 120 feet.

FORT ST. GEORGE,
29th February 1876.

(Signed) A. DE C. SCOTT, Major, R.E.,
Dy. Chief Engineer for Irrigation,
for Chief Engineer for Irrigation.

To the Secretary to Government, Public Works Department.

No. 167.

ORDER THEREON, 13th March 1876, No. 644.

IRRIGATION, No. 15.
Account.

No. 263, dated 29th February 1876.

The following estimates for Irrigation Works in the Chingleput and Mount Ranges, 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 Re- gister No.
Goodavoyaloor and Iyapa- kam Hissa Tank.	Repairing bund	Revenue Repairs	Rs. 350	43 I. of 1875-76
	Irrigation sluice	Capital, Ordinary	110	
Ollagaram Tank	Repairing bund	Revenue Repairs	350	44 I. of 1875-76
	Constructing a masonry flush escape	Capital, Ordinary	175	
	Improving existing calingulah	Revenue Extensions and Improvements	50	

2. These sanctions are registered as shown above.

(True Extract.)

C. M. Mather Major-General, R.E.,
Secretary to Government.

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

Erd. S. T. Austin.

4 Spare Copies

Revenue Department
No. 1249

Govt. of 1876 Madras.

PUBLIC WORKS.

To

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

Dated March 13th.

Issued

Recd. --o-27

Encl.

G. O., 13th March 1876, No. 644.

MARCH

Nos. 166-167

Dis. Ins.

Tanks, Chingleput District.—Estimates for
the repair of certain —, &c., sanctioned.

Communicated to the
of the

27-3-76 28 March 76

9 The District Engineer, Chingleput, 29 March