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TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

Revenue DEPARTMENT

G.O. No.	918	~~Press~~
B.P. No.		Mis.
Dated	22-11-1976	197

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Notes

*Proceedings of the Madras Government, Public Works Department,
27th March 1876.*

Read the following:—

No. 11-W.

No. 403. *Note by the Chief Engineer for Irrigation.*

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

Taluk.	Village.	Work.	Amount.
Madurantium	...	Gathy Small Tank	Rs. 725
"	...	" Moottyen Tangle	269
"	...	Lathoor Tank	867
Chingleput	...	Koonnavakem Tangle	211

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

I.—Financial Details.

Name of Work.	Acreage.	Assessment.	Average Revenue for 5 years.	Highest Revenue for 5 years.	Expenditure during previous 4 years.	Amount of Estimate.		
						Capital.	Revenue.	Total.
Gathy Small Tank	24	Rs. 362	Rs. 375	421	...	...	725	725
Do. Moottyen Tangle	20	136	153	193	...	...	269	269
Lathoor Tank	75	812	879	914	...	...	867	867
Koonnavakem Tangle	23	123	55	87	...	46	163	211

II.—Hydraulic Details.

Name of Work.	Catchment Rain Area.	Maximum Supply.		Length of Escape.		Average Height of Band.		Surplus discharged at M.T.L. per Sec.	Tanks above.
		Catchment per Acre.	Channel per Acre.	Total.	Escape.	Above F.T.L.	Above M.T.L.		
Gathy Small Tank	15	7.7	...	87	87	2.75	2.75	541.2	...
Do. Moottyen Tangle	25	101	...	80	80	1.75	1.75	94.9	...
Lathoor Tank	125	647	...	72	72	2.75	2.75	458.1	...
Koonnavakem Tangle	5	5.4	...	10	10	3.53	1.33	63.4	...

NOTE.—The proposed dimensions of escapes and heights of band are printed in large type, the existing dimensions in small type. The following abbreviations are used:—C.—Catchment with dam stones, W.—Weir with flush crest, E.—Escape at ground-level, B.—Band of tank.

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

Gathy Small Tank.—This tank was damaged by a cyclone in 1874. It discharges through an 87-foot opening, a breach cut down to F.T.L. It is proposed to replace the

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existing outlet by a rough-stone escape 82 feet in length which is calculated to discharge the drainage with a two-foot head. The estimate provides for raising and sectioning the bund, turfing and planting grass, repairing sluice, and constructing a rough-stone escape.

Orathy Moottyan Tank.—This tank also was damaged by the cyclone of 1874. The surplus is discharged through a breach in the bund. It is proposed to remove the bund to F.T.L. and to extend the breach. The estimate provides for raising and sectioning the bund, turfing and planting tank grass, repairing the pot sluice, lowering the bund and extending the breach.

Lathoor Tank.—This tank is situated in the catchment ground of the Kuleolem Tank. Its general condition is reported to be bad in consequence of its having suffered severely during the two last cyclones. It has two sluices—a pot and a masonry sluice; it is proposed to remodel the latter according to a plan now in use. The surplus is discharged at the north flank, but during floods temporary escapes are cut in the bund. It is proposed to construct a rough-stone escape 72 feet in length. The estimate provides for raising and sectioning the bund, turfing and planting tank grass, repairing sluice, and constructing a rough-stone escape.

Koonavakem Tangle was breached by the floods of November last. The estimate provides for extending the existing cut from 10 to 37 feet in length, for raising and sectioning the bund, planting tank grass and turfing, retetting the end of the bund and constructing a sluice.

4. The lengths of rough escape provided should be as follow:—

Orathy Small Tank	100 feet.
Do. Moottyan Tangle	110 "
Lathoor Tank	100 "
Koonavakem Tangle	60 "

5. 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.		Total for each Tank, Rs.
			Expenditure and Improvement.	Repairs.	
		Rs.	P.R.	P.R.	Rs.
Orathy Small Tank	Raising and sectioning the bund, turfing and planting grass, repairing the sluice, and constructing a rough-stone escape.	...	...	725	725
Do. Moottyan Tangle	Raising and sectioning the bund, turfing and planting tank grass, repairing the pot sluice, and extending the existing breach for escape.	...	...	200	200
Lathoor Tank	Raising and sectioning the bund, turfing and planting tank grass, repairing sluice, and constructing a rough-stone escape.	...	...	867	867
Koonavakem Tangle	Extending and sectioning the bund, planting tank grass, turfing and retetting the end of bund.	...	...	103	103
Do.	Construction of an irrigation sluice.	...	...	...	...

For Mr. Engineer,
17th March 1876.

(Signed) A. H. C. SCOTT, Major, R.E.,
Deputy Chief Engineer for Irrigation,
or Chief Engineer for Irrigation.

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27th March 1876.

No. 491. ORDER THEREON, 27th March 1876, No. 763.

IRRIGATION, No. 34.

Account.

No. 11-W., dated 17th March 1876.

The following estimates for irrigation works in the Chingleput 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.
Orathy Small Tank	Raising and sectioning the bund, turfing and planting grass, repairing the sluice, and constructing a rough-stone escape.	Revenue, Repairs	725	60-I of 1875-76
Do. Moottyan Tangle	Raising and sectioning the bund, turfing and planting tank grass, repairing the pot sluice, and extending the existing breach for escape.	Do. do.	200	61-I of "
Lathoor Tank	Raising and sectioning the bund, turfing and planting tank grass, repairing sluice, and constructing a rough-stone escape.	Do. do.	867	62-I of "
Koonavakem Tangle	Extending and sectioning the bund, planting tank grass, turfing and retetting the end of bund.	Do. do.	103	63-I of "
Do.	Construction of an irrigation sluice.	Capital, Ordinary	404	

2. These sanctions are registered as shown above.

(True Extract.)

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

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

Edw. A. S. Rogers

31/3/76

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STATION.

NO. 100-104

Chas. D. L. H.
Board of Revenue

Chas. D. L. H.