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TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

Rwem DEPARTMENT

G.O. No.	574	Press.
B.P. No.		Mis.
Dated	23-8-78	197 .

Not to be folded or roughly handled

GOVERNMENT OF MADRAS.
PUBLIC WORKS DEPARTMENT.

18th February 1878, No. 141 I.

Irrigation.

Account.

Read the following papers :—

No. 50. From Lieutenant-Colonel H. L. PRENDERGAST, R.E., District Engineer, North Arcot, to the Chief Engineer for Irrigation, dated Vellore, 27th November 1877, No. 3,135.

I HAVE the honor to submit for sanction plans and estimates of Rupees 600 and 460 for repairing and improving the Thuttancottay and Manyaracoopum Tanks in the Goodiattum Taluq.

One Plan.
Two Sections.
Three Detailed Estimates.
" Abstract do.
One Hydraulic Statement.

2. *Thuttancottay Tank*.—The bund is too low throughout its whole length and requires to be raised and strengthened.

ened, the revetment is much out of order and requires to be repacked. The surplus of the tank crosses the railway in its 99th mile. There is no escape and the water is run off by a cut over hard 56 feet long at the present outlet so proposed to build a flush escape of the catchment supply of 263 cubic feet per second.

Manyaracoopum Tank.—The bund requires general raising and widening to be repacked. The present escape stone, this is insufficient; but it escape by merely cutting the high 1 cubic feet per second.

the whole of its length and ent is in disorder and requires length, built with loose rough 132 feet to the length of the a drainage discharge of 263

3. The repairs to the Manyar Relief Funds.

been commenced from Famine

Both of the tanks are isolated and

plus from other tanks above.

4. I request that the enclosures

d when no longer required.

No. 50-A.

Note by the C

irrigation.

THE following estimates from the No. 3,135, dated 27th November 1877.

are forwarded by the District North Arcot, with his letter noted :—

Isolated Tanks.

Taluq.	Village.	Work.	Amount.
Goodiattum ..	Thuttancottay ..	V. Tank ..	Rs. 600
Do.	Manyaracoopum ..	V. " ..	460
Total...			1,060

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 five years.	Highest Revenue for five years.	During the previous four years.	OUTLAY.		
						Paucorod.		
						Ordinary Agricultural Irrigation.		
						Original Works.	Repairs.	Average annual portion of charges to Revenue.
Thuttancottay Tank ..	31	173	180	Not stated.	None.	130	470	68.6
Manyaracoopum ..	17	101	101	Do.	Do.	..	460	91.0
Total ..	48	274	281	..	..	130	930	79.4

II.—Hydraulic Details.

Name of Work.	Capitment Basin Area.	OF ESCAPE.		AVERAGE HEIGHT OF BUND.		Surplus discharged at M.T.L. per Second.	Tanks above.
		Effective.		Above F.T.L.	Above M.T.L.		
Thuttancottay Tank	sq. ft.	ft.	ft.	ft.	ft.	c. ft.	no.
		and.	1.08	0.17			None
		56	30	below 175		2168	
Manyaracoopum Tank		24	1.12	0.13		92.9	
		56	30	below 175		2168	

NOTE.—The proposed dimensions of es in small type. The following abbreviations: E.—Escape at ground level. B.—Bund of

3. The following is a summary of the case:—

Thuttancottay Tank.—7' 35" and longitude 78° 55' 30" over hard ground and travel. The bund is low and weak th

as printed in large type; the existing dimensions with dam stones. W.—Weir, with overflow. Masonry flush escape.

proposed to be carried out in each

tank situated in latitude 12° 55' charged through a cut in the bund way at the 98th mile 49th chain. etment is very much out of order.

The estimate provides for—

1st.—Raising and repairing the bund, repacking the revetment, removing brushwood and turfing the land slope and unrevetted portions of the water slope.

2nd.—Constructing a masonry flush escape at the site of the existing outlet.

Manyaracoopum Tank.—This tank is situated in latitude 12° 57' 0" longitude 79° 8' 40".

The bund of this tank has never been repaired by the Government, and it is consequently very low throughout and in some places even below F.T.L. The whole of the revetment is in disorder and the rough stone escape is insufficient to discharge the surplus.

The estimate provides for raising and repairing the bund, repacking the revetment, removing brushwood, turfing land and unrevetted portions of the water slope and for extending the rough stone escape.

The following statement shows the proposed distribution of the outlay recommended for sanction to the debit of the several heads of account involved.

HEAD OF SERVICE—IRRIGATION.

Fund—Ordinary Agricultural.

Name of System or Group.	Distinguishing No. or Letter of Group.	Name of Tank or Channel.	Description of Work.	Main head.	Class.	Amount of each Item.	Amount to be separately accounted for.
Isolated Tank.	..	Thuttancottay Tank.	Raising and repairing the bund.	Irrigation.	Repairs ..	Rs. 470	Rs. 470
	..	..	Constructing masonry flush escape.		Original Works.	130	130
	..	Manyaracoopum Tank.	Repairing the bund and extending the dry stone escape.		Repairs ..	460	460

FORT ST. GEORGE,
4th February 1878.

(Signed)

GOMERIE, Major, R.E.,
Dy. Chief Engr. for Irrigation,
for Chief Engr. for Irrigation.

To the Joint Secretary to Government, Pa

ent, Irrigation Branch.

No. 51.

ORDER THEREON

8, No. 141 L.

The following estimates for Irrigation
No. 36 L, dated 4th February

the Chittoor Range, North Arcot forwarded by the Chief Engineering with his memorandum y noted, are sanctioned:—

Name of System or Group.	Name of Tank.	Des.	Class.	Amount.	Irrigation Registry No.
Isolated Tank.	Thuttancottay Tank	Repairing & Masonry for	Rs.	470	1,347 L.
	Manyaracoopum Tank	Repairing bund	Rs.	130	2,348 L.
		dry stone es	Rs.	460	348 L.

2. These sanctions are registered as shown above.

(True Extract.)

W. H. H. H.

Lient.-Col., R.E.,
Joint Secy. to Govt., P.W.D.,
Irrigation Branch.

1/3

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

encl. *Drp'd*
No 921.
IRRIGATION
ACCOUNT.

GOVERNMENT OF INDIA
PUBLIC WORKS.

THE DISTRICT ENGINEER,
NORTH ARCOT
&c., &c., &c.

Dated February 18th.

Issued

Recd. *1st March* Encl.

G. O., 18th February 1878, No. 141 L.

FEBRUARY.

Nos. 50-51.

Thattamcottay and Munyaracoppum Tanks,
North Arcot District.—Sanctions estimates
repairs to the —

No 574
Comm. to the
Board of Revenue

Don't say (Don't say 4-2-78)