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(1) Number of pages 4

(2) Date of repair 26.2.86

(3) Initials of the Reference Clerk

TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

Public Works Rev. DEPARTMENT

G.O. No.	1364	Press.
B.P. No.		Mis.

Dated 3.6.1878 197 .

Not to be folded or roughly handled

GOVERNMENT OF MADRAS

PUBLIC WORKS DEPARTMENT.

13th May 1878, No. 390 I.

Irrigation.
Account

Read the following papers :—

No. 53. From Colonel A. S. MOBERLY, R.E., District Engineer, Cuddapah, to the Chief Engineer for Irrigation, dated Cuddapah, 5th March 1878, No. 3,168.

I HAVE the honor to submit for approval and sanction sections, specification, report, ayacut account, and abstract estimate, amounting to Rupees 190, for repairing the bund and sluice and constructing a weir of Thimmareddypully tank in Pullumpett taluq, and to state that the necessity of the work is explained in the report.

No. 125 I.

No. 53-A. *Note by the Chief Engineer for Irrigation.*

THE District Engineer, Cuddapah, forwards, with his letter marginally noted, an estimate in connection with the Thimmareddypully tank belonging to the Pedda Orampaud tank group. The tank is situated in the Pullumpett taluq, Sidhout range, latitude 14° 4′ 45″, longitude 79° 21′ 0″.

No. 3,168, dated 5th March.

2. The nature of the work proposed for execution and the heads of account to which it is chargeable are as follow :—

ORDINARY AGRICULTURAL.

IRRIGATION.

Original Works.

	Rs.
Constructing a rough-stone escape	70
Repairs.	
Raising and repairing the bund, also repairing the irrigation sluice ...	120
Total ...	190

3. The following particulars of this tank are recorded :—

Ayacut area	Acres 131	Circar	89
		Inam	42
Assessment	Rs. 561	Circar	326
		Inam	235
Average revenue	„ 125	Circar	102
		Inam	23
Highest do.	„ 314	Circar	256
		Inam	58
Expenditure during the previous four years			None.
Average cultivation per square mile of catchment basin ...			Acres 58·3

The area of the catchment basin is 0·5 square mile; the maximum flood supply is calculated at 295 cubic feet per second, for discharging which as surplus there is a natural escape at each end of the bund, their respective lengths are 20 feet or 40 feet altogether which is insufficient to discharge the surplus with the small depth allowable, while the level of the escapes is irregular and a good deal of the length above F.T.L. It is consequently proposed to convert the natural escapes into rough stone escapes, and to extend the northern escape from 20 to 24 feet, and the southern escape from 20 to 60 feet, making an aggregate length of 84 feet available for the relief of the tank.

The bund and its revetment need moderate repairs, and for the sluice a lump sum of Rupees 50 has been provided. Some small breaches occurred owing to the escapes being inadequate, and these breaches were closed by the ryots.

The estimate provides for—

1*stly*.—Raising and repairing the bund and revetting the breached portions, also for repairing the irrigation sluice.

2*ndly*.—Constructing two rough-stone escapes. The ends of the bund next the escapes should be revetted to at any rate 6 inches above M.W.L., which apparently will be at 32·00, F.T.L. being 28·88, so as to prevent a breach occurring as happened at the north end before.

A sketch map of the entire group should have accompanied this estimate.

The longitudinal section has not been properly completed.—*Vide* the remarks made thereon.

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 Number 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.
						Rs.	Rs.
Pedda Orampaud tank group.	..	Thimmareddypally tank.	Constructing two rough-stone escapes.	Irrigation.	Original Works.	70	70
			Repairing bund and irrigating sluice.		Repairs	120	120

OOTACAMUND,
6th May 1878.

(Signed) JOHN MULLINS, Lt.-Col., R.E.,
Chief Engineer for Irrigation.

To the Joint Secretary to Government, Public Works Department, Irrigation Branch.

No. 54. ORDER THEREON, 13th May 1878, No. 399 I.

THE following estimate from the Sidhout Range forwarded by the District Engineer, Cuddapah, is sanctioned:—

Head of Service.—Irrigation.

Pedda Orampaud Tank Group.

Thimmareddypally Large Tank.

				Rs.
Constructing two rough-stone escapes, Original Works	...	...	...	70
Repairing bund and irrigation sluice, Repairs ...	...	...	...	120
			Total ...	190

To be carried out by the Public Works Department Officer in charge, Sidhout Range.

2. These sanctions have been registered as No. 53 I of 1878-79.

(True Extract.)

(Signed) JOHN MULLINS, Lt.-Col., R.E.,
Joint Secy. to Govt., P.W.D.,
Irrigation Branch.

(True Copy.)

Major, R.E.,
Under Secy. to Govt., P.W.D.,
Irrigation Branch.

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

Exd. E. C. Shunkor.
Spare Copies

IRRIGATION
ACCOUNTS

Coll. of 1873 30 Acres

PUBLIC WORKS.

To

The DISTRICT ENGINEER

Dated May 1873.

Read

Entd

C. C. Inst. Mad. 1873, No. 53-54.

MAY.

Nos. 53-54.

Communicated to
the Board of Revenue

Estimate of Rupees 140 for repairing the
Channel.