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TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

Revenue DEPARTMENT

G.O. No. / B.P. No.	3726	Press. / Mis.
Dated 2.7.1877		~~197~~ .

BA

Not to be folded or roughly handled

3726
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GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

19th June 1877, No. 90 I.

Irrigation.

Account.

Read the following paper:—

No. 52 I.

No. 71. *Note by the Chief Engineer for Irrigation.*

No. 129, dated 11th April 1877.

The District Engineer, North Arcot, forwards, with his letter marginally noted, an estimate in connection with the Pulliput Tank, situated in the Poloor Taluq, Poloor Range.

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.

		Rs.
Original Works.		
Constructing a masonry flush escape at the west end of the bund	...	580
Do. do. at the east do.	...	200
Repairs.		
Raising and repairing the bund	..	1,200
Repairing the weir		60
Total	...	2,040

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

Ayacut area	Acres 210
Assessment...	Rupees 548
Average revenue	„ 467
Highest „	Not stated.
Expenditure during the previous four years	Nil.

This tank is situated in latitude 12° 25′ 45″, longitude 79° 9′ 25″.

The area of the catchment basin is 20 square miles, the maximum flood-supply is calculated at 4,139 cubic feet per second, for discharging which as surplus there is a weir 63 feet in length. In addition to this it is proposed to construct two masonry flush escapes, one 240 feet in length at the west end, and the other 60 feet in length at the east end of the bund, making an aggregate length of 363 feet available for the surplus discharge.

This tank lies on the borders of the district, and it receives the surplus of twenty-eight tanks situated in the Tirnamallai Taluq in the adjoining (South Arcot) district, and in turn surpluses into the Cheyaur river.

The bund is low and weak and overgrown with brushwood; it was breached in 1872 and partially repaired by the ryots, but was breached again in 1874.

The body wall of the existing weir requires to be lowered one foot and the wings raised to suit the bund.

The estimate provides for—

1*st.*—Closing breach and repairing bund.

2*nd.*—Repairing the weir.

3*rd.*—Constructing two masonry flush escapes.

The provision for the surplus of the various tanks lying above this one should have been ascertained and stated; it is useless spending the money now proposed on this terminal tank if the safety of the ones above it is not assured. The District Engineer should put himself in communication with the District Engineer of South Arcot on the subject. The estimates are recommended for sanction, that for repair of the embankment however being reduced from Rupees 1,200 to Rupees 760 by the omission of the "turfing," work of very doubtful success.

There is some superfluous masonry in the ends of the wings of the weirs. They should conform to the bund section or be made to fit the earthwork: either the walls would stand out above the slopes or the latter would have to be altered to suit the walls.

FORT ST. GEORGE,
12th June 1877.

(Signed) G. T. WALCH,
Ag. Dy. Chief Engineer for Irrigation,
for Chief Engineer for Irrigation.

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

No. 72. ORDER THEREON, 19th June 1877, No. 90 I.

THE following estimate from the Poloor Range forwarded by the District Engineer, North Arcot, is sanctioned:—

PULLIPUT TANK.

Head of Service—Irrigation.

Group or Project.	Fund and Main-head.	Class.	Name of Tank.	Particulars of Work.	Amount.
					RS.
Pulliput Group.	Ordinary Agricultural, Irrigation.	Original Works.	Pulliput Tank.	1. West escape ...	580
				2. East escape ...	200
				3. Repairing bund.	760
		Repairs ...		4. Repairing weir.	60
				Total ...	1,600

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

2. The District Engineer should act in concert with the District Engineer, South Arcot, and not close the breaches until the additional escapes have been provided, and until he is assured that no considerable number of the upper tanks is in an insecure state.

3. This sanction has been registered as No. 68 I of 1877-78.

(True Extract.)

Colonel, R.E.,
Joint Secy. to Govt., P.W.D.,
Irrigation Branch.

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

Exd. T. D. Ryan.
Spare Copies

Revenue Department
No. 3098.

IRRIGATION.
ACCOUNT.

Govt. of Madras.

PUBLIC WORKS.

To

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

Dated 7th June 1877.

Issued

Rect. 29 June Encl.

G. O., 13th June 1877, No. 90 I.

JUNE.

Nos. 71 72.

Pullipet Tank, North Arcot District.—The estimate of Rupees 1,600 for repairs to the [illegible] sanctioned with remarks

No. 3126
Comm.d to the
Board of Revenue
2d July 77.

Revenue Department
No. 3098
9th July 1877.