

(1) Number of pages _____

(2) Date of repair _____

(3) Initials of the Referencer _____

MADRAS RECORD OFFICE

Government of Madras

Public Works DEPARTMENT

G.O. No.	2871	Press
B.P. No.		Mis.
Dated	27-10-	1876
		195

Not to be folded or roughly handled

No. 427.

Read the following papers:—

From Colonel F. J. MOBERLY, R.E., Superintending Engineer, Chingleput, to Lieutenant-Colonel J. MULLINS, R.E., Chief Engineer for Irrigation, dated St. Thomas' Mount, 11th October 1876, No. 2,448.

I HAVE the honor to reforward ~~the~~ estimate for Vayalore Ooranambidu tank, returned in G.O., No. 626, dated 9th March 1876.

2. This tank lies very little above the backwater lying nearly over the whole space between the Naranaveram river and the Cortiliar, which is fed also by drainage from the country between those rivers, where not intercepted by such tanks as that in question.

3. There is a very large quantity of water in most years percolating through the large grained sand of the subsoil, so that the cultivation only draws on the contents of the tank proper as the season advances. It is notorious that in Ponnery and Sydapett Taluqs as also in parts of Madrantikam far less water than we measure is used for irrigation.

4. The ayacut of the tank as given by the Tahsildar amounts to 1,442 acres, but it appears doubtful whether there are really 1,100 acres irrigable by this tank, which is a good deal mixed up with other shallow reservoirs adjacent.

5. The very serious injury caused by the flood of the two above mentioned rivers was principally in this neighbourhood. The revised estimate for embanking them will, I hope, be ready shortly, but meanwhile the revenue under the tank is at stake. The work done in 1873-74 was carried away by the flood of 1874. A larger opening than is ordinarily necessary has been provided with a view to increased local safety independent in some degree of the embankment.

No. 226 W.

No. 427-A.

Note by the Chief Engineer for Irrigation.

IN G.O., 9th March 1876, No. 626, further information was called for with regard to the Vayalore Ooranambidu tank on which Rupees 2,623 were shown to have been spent in the last four years, and for which an estimate amounting to Rupees 3,400 had been submitted for sanction, the average revenue being Rupees 1,165.

2. From the Superintending Engineer's letter, No. 2,448 of the 11th instant, it appears that this tank was, when the repairs carried out in 1873-74 had been nearly completed, breached in 1874, by the overflow of the Narnaveram and Cortiliar rivers, the waters of which in high freshes cover most of the ground between them. Consequently an escape proportioned merely to the catchment basin proper, about five square miles, of the tank would be inadequate, and it is now proposed to leave a waterway of 600 feet in length open for the discharge of flood-water, and this will at any rate tend to lessen the risk of future breaches, though it may not render them

*Proceedings of the Madras Government, Public Works Department,
27th October 1876. No. 2,871.*

impossible. The cost of this provision will be nominal, viz., under 40 Rupees, as the escape will be formed by levelling ground to F.T.L. and planting grass to prevent its erosion, with a little revetment at the end of the bund.

3. The estimate of Rupees 3,400 is recommended for sanction.

Ootacamund, (Signed) JOHN MULLINS, Lt.-Col., R.E.,
16th October 1876. Chief Engineer for Irrigation.
To the Secretary to Government, Public Works Department.

No. 428. ORDER THEREON, 27th October 1876, No. 2,871.

IRRIGATION, No. 47.

Account.

THE following estimate is sanctioned:—

CHINGLEPUT DISTRICT.

Ordinary Agricultural, Repairs.

Vayalore Ooranambidu Tank Rupees 3,400
and has been registered as No. 171 I of 1876-77.

(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.

Exd. S. T. Austin.
Spare Copies

N^o 226-W.

Notes by the Chief Engineer for Irrigation

Encln. 4

*In No. 9th March 1876, N^o 626,
further information was called for
with regard to the Vayalore Ooranambidu
Tank on which Rupees 2623
were shown to have been spent in
the last four years, and for which
an estimate amounting to Rupees
3400 had been submitted for
sanction, the average revenue being
Rupees 1165.*

*2. From the Superintending
Engineer's letter N^o 2448 of the 11th
instant, it appears that this
tank was, when the repairs
carried out in 1873-74 had been
nearly completed, breached in
1874 by the overflow of the Arna-
veram and Cortitias rivers, the
waters of which in high freshes
cover most of the ground between
them. Consequently an escape pro-*

609-3-76 No 626.

18 P.W.D.

From

23 OCT 76

The Chief Engineer for Irrigation

The Secy. to Govt. P.W.D.

Dated 16 Oct. 76.

Under No.

No. 226-W.

Vayalure Poranambedu Tank
- Chingleput District -
forwarding for sanction, estimate
for Rs. 3,400 for certain repairs
to the —.

OK 4.27

Cin 25-10-76.

No 2871

Public Works Department.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the 27 Oct 76

Read the following:—

Letter by the Ch. Engr.
for Irrigation No. 226 W of 15 Oct. 1876

The following
estimate is sanctioned:—

Chingleput District
Ordinary Agricultural
Repairs.

Vayalure Poranambedu
Tank Rupees 3,400

and has been registered
as No. 171.I of 1876-77.

S. E. Chingleput
Collector do
C. E. P. W. D. with 4 Orig Encls
En. P. W. D.
Recd. Sept.

Recd. 10. 11. 76

759
Govt. of 1876 Gladst.

PUBLIC WORKS.

To

Mr. D. E. Changle put

Dated

Issued

Recd.

Encl.

G. O. 27-*October* 1876, No. 2871

Nos. 42-8

*Put in the
11-11-76*