M.R.O. 1—10,006—28-2-50.

(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.	3190	Press
~~B.P. No.~~ 170-171		~~Mis.~~
Dated	11-11-1874	~~195~~.

Not to be folded or roughly handled

Proceedings of the Madras Government, Public Works Department,
11th November 1874.

Read the following:—

No. 830.

No. 170. *Note by the Chief Engineer for Irrigation.*

THE following estimate for the repair and improvement of a tank in the Salem District has been submitted for sanction by the District Engineer:—

Thandoocarnahully Tank, Rupees 1,770.—The estimate, as revised, has been prepared in a complete manner, and should render the tank safe and efficient. It breached in 1868-69, when Rupees 296 were spent upon it, since which time there has been a further outlay of Rupees 119, as it breached again in 1873-74. The primary cause of these accidents was the inadequacy of the means of disposing of surplus. The tank is a small one, and its escape of 60 feet length probably seemed large; but, when the drainage was inquired into, it was found that the proper length of crest would be 144 feet; the bund was also much out of repair, and much less than a maximum flood would necessarily overflow it. The revenue details are as follow—

Ayacut area	...	Acres 76
,, Assessment	...	Rupees 373
Average Revenue	...	,, 250

The catchment basin is reported to be ten square miles, and the drainage therefrom should suffice to irrigate at least 250 to 300 acres; perhaps much of the water which cannot be stored may be led to other tanks, and it may be hoped that for the future the full ayacut assessment will be realized. A small tank receiving the drainage of four or five times the area required for its cultivation can but seldom be a good investment, but probably the water-supply may be capable of being turned to account.

The part of the estimate chargeable to Repairs is Rs. 900.
Do. do. do. to Minor New Works ,, 870.

(Signed) JOHN MULLINS, Lieut.-Colonel, R.E.,
Chief Engineer for Irrigation.

CAMP AT PALAMCOTTAH,
16*th October* 1874.

No. 171. ORDER THEREON, 11th November 1874, No. 3,190.

IRRIGATION, No. 14.

THE following estimates for the Thandoocarnahully tank in the Salem District are sanctioned:—

Repairing bund	...	Rs. 900
Constructing a new surplus weir	...	,, 870

(True Extract.)

Colonel, R.E.,
Secretary to Government.

To the District Engineer, Salem.
,, Chief Engineer for Irrigation.
,, Officiating Controller of Public Works Accounts.

Exd. S. T. Austin.
Spare Copies

No. 830.

Note by the Chief Engineer for Irrigation

2

MEMORANDUM.

Requested for reference the under-mentioned papers :—

S6 No. 1906 - 15 July/74.

R No. 1755 - 19 Sept/74 with 5 Enc. } Sent with Ch. Engr's
R No. 2085 - 29 Nov/73. ——— } Note printed as 86
(D No. 874 ch. 11 Dec/73 ——— } No. 3190 - 11 Nov/74.

Office of the Chief Engineer
for Irrigation,
4 — 12 — 1874 } No. 830

Dwn. Hamilton
Head Clerk.

To

The Registrar of the Dy Secy

Note by the Chief Engineer for Irrigation

Enclosures 8

The following estimate for the repair and improvement of a tank in the Salem District has been submitted for sanction by the District Engineer.

Thandoocarumbilly Tank, Rupees 2770.

The estimate, as revised, has been prepared on a complete measurement and should render the tank safe and efficient. It breached in 1868-69, when Rupees 296 were spent upon it, since which time it has been a frontier outlay of Rupees 119; as it breached again in 1873-74. The primary cause of these accidents was the inadequacy of the means of discharging of surplus. The tank is a small one and has an extent of 60 feet length probably secured large; but when the drainage was measured into, it was found that the proper length of crest should be 144 feet the bund was also much out

out of repair, and much less than a maximum flood would, necessarily overflow it. The Revenue details are as follow.

Ayacut area — Acres 76
Assessment Rupees 373
Average revenue — 250

The catchment basin is reported to be 10 square miles, and the drainage therefrom should suffice to irrigate at least 250 to 300 acres; perhaps much of the water which cannot be stored may be led to other tanks; and it may be hoped that for the future the full ayacut assessment will be realized. A small tank receiving the drainage of 4 or 5 times the area required for its cultivation can but seldom be a good investment, but probably the water supply may be capable of being turned to account.

The part of the estimate chargeable to Repairs is Rupees 900

To Minor new works — 970.

Camp at Palamcottah 16th October 1874

John Hudleston Lt Colonel
Chief Engineer for Irrigation
To The Secretary to Government P.W.D.

Public Works Deptt

Proceedings of the chadrat Government
Read the following
From the Chief Engineer
for Salem (No 830 dated
16 Oct 1874) —

3190

The following estimates for the Thandoocarieahully Tank in the Salem District are sanctioned.

Repairing bund — Rupees 900
Constructing a new
surplus weir —— " —— 870

Sd. 17/10/74

Govt.

To
The D.E. Salem
— Chief Engr for Irrn
— Controller Accts
S. Copies despd 17/11/74.

Received 18th Nov 1874
No 6650
The Executive Engineer
for information

Rec'd
Letter of
Superintending E.E.
Dated 16th
No 830
Date 16th Oct 1874
Rec'd 23 "
Rec'd

Letter in the enclosed
Estimate for repairing
the Thandoocarieahully
tank taken Public

Copied
Rd. 3190. 11-11-74

6650

Govt. of {1874} Madras.

PUBLIC WORKS.

To

The Dt. Engr.
Salem

Dated

Recd.

Encl. 8

G. O., 11th Nov. 1874, No. 3190

Nos. 170-174

Thandoocarnahully
Tank - Salem Dt.

Estimates for the
repair &c. ___
sanctioned -