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(3) Initials of the Referencer _____

TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

REVENUE DEPARTMENT

G.O. No.	4237	Press.
B.P. No.		Mis.
Dated	31. 7. 1877	197

Not to be folded or roughly handled.

4237

GOVERNMENT OF MADRAS.
PUBLIC WORKS DEPARTMENT.

17th July 1877, No. 174 I.

Irrigation.
Account.

Read the following paper:—

No. 95 I.

No. 92. *Note by the Chief Engineer for Irrigation.*

THE Superintending Engineer, Chingleput, forwards, with his letter marginally noted, an estimate in connection with the Kolathuvanjerri Tank, situated in the Chingleput Taluq, Chingleput 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.

Original Works.

Constructing an Irrigation sluice	Rs. 185
<i>Repairs.</i>	
Repairing bund, forming a grass planted escape and repairing weir ...	270
Total ...	455

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

Ayacut area	63 Acres.
Assessment	229 Rupees.
Average revenue	156 "
Highest do.	173 "
Expenditure during the previous four years	Nil.

This tank is an isolated one.

The area of the catchment basin is 1.5 square miles, the maximum flood supply is calculated at 737 cubic feet per second, for discharging which as surplus there is one weir 24½ feet in length, which is insufficient. It is therefore proposed to form in addition a grass planted escape 108 feet in length.

The tank was breached in four places in 1874. The breaches were closed as a work of emergency, and the expenditure is included in the estimate under review.

The tank has no irrigation sluice and it is proposed to construct one. The bund is low and weak; it is proposed to raise it and to plant the inner slope with tank grass up to M.W.L., and with turf above that level and to repair the weir.

The estimates are recommended for sanction.

The size of the tunnel of the sluice should be not less than 2 feet wide by 2 feet 6 inches high. The plan for the work does not bear the countersignature of the Superintending Engineer.

Plug holes should be of ample size, so that they may supply the water required when the head is small. The general tendency is to make the holes much too small, and, as they can be regulated to afford any desired openings up to the maximum, it is better to make them fully large enough.

FORT ST. GEORGE,
7th July 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. 93. ORDER THEREON, 17th July 1877, No. 174 I.

THE following estimate from the Chingleput Range forwarded by the Superintending Engineer, Chingleput, is sanctioned :—

KOLATHUVANJERLY TANK.
Head of Service.—Irrigation.

Group or Project.	Fund and Main-head.	Class.	Name of Tank.	Particulars of Work.	Amount.
None	Ordinary Agricultural, Irrigation.	Original Works.	Kolathuvan-jerry Tank.	Irrigation sluice	RS. 135
		Repairs.		Repairing bund and weir, and forming escape	270
				Total	455

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

2. This sanction has been registered as No. 97 I of 1877-78.

(True Extract.)


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

To the Superintending Engineer, Chingleput.
" Collector of Chingleput.
" Chief Engineer for Irrigation.
" Examiner of Public Works Accounts.
" Revenue Department.
" Board of Revenue.

Exd. E. C. Shunker.

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Revenue Department

N^o 3472

IRRIGATION
ACCOUNT

Solt. of 11377 Madras

PUBLIC WORKS.

TO THE SUPERINTENDING ENGINEER,
CHINGLEPUT.

30 July

C. O. 170 July 1911, No. 184 L.

JULY

No. 92-93.

Kolathur Road, Chingleput. Dis-
b. 1. The estimate of Rs. 406 for
repair work to be executed.

Lodged
No. 4237

112 July 1911