Archives I—10,000—6-10-76.

(1) Number of pages 2

(2) Date of repair 23.12.81

(3) Initials of the Referencer

TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

Revenue DEPARTMENT

G.O. No. / B.P. No.	4940	Press. / Mis.
Dated	28-5-1877	197 .

Not to be folded or roughly handled

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

18th August 1877, No. 243 I.

Irrigation.

Account.

Read the following paper :—

No. 127 I.

No. 62. *Note by the Chief Engineer for Irrigation.*

The Officiating District Engineer, Tinnevelly, forwards with his letter marginally noted an estimate in connection with the Tenkarai tank situated in the Tenkarai taluq, Tinnevelly range.

No. 6, dated 3rd April 1877.

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.
Extending and improving the weir, also improving the banks of the surplus channel	2,950
Total ...	2,950

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

Ayacut area	Acres	2,452
Assessment	Rupees	25,305
Average revenue	„	25,303
Highest do.	„	25,305
Expenditure during the previous four years	„	3,185

This tank is supplied by the Murdur western channel from the Murdur anicut across the Tambarapoorni river through the Vellur tank.

The area of the catchment basin is 20 square miles, the maximum flood-supply is calculated at 6,755 cubic feet per second, including a supply of 2,971 cubic feet from Vellur tank, for discharging which as surplus there are three weirs at the south end of the tank, of which the southern weir is 96 feet, central 110, and the northern weir 34 feet, aggregating to 240 feet in length. The distance between the south and centre weir is 150 feet, and that between the centre and north weir is 95 feet; it is proposed to connect these weirs together so as to make a total length of 485 feet available for the surplus discharge. The crests of the existing weirs which are 1 foot below the F.T.L. are to be raised to that level, and the wing walls at ends will also be raised and improved.

The fall of the surplus channel for the first three-fourths of a mile is very rapid, and the bed is rocky; there are no regular banks to the channel above the point where the road to Nazareth crosses, and beyond this the banks are very weak; they were thrown up by the villagers to protect their fields.

There are sixteen high lying tanks of which the Vellur tank is the only important one of the series which is now being repaired on sanction given in G.O., No. 1,520, dated 20th June 1876.

The estimate provides for extending and improving the weir, and also it is said for improving the banks of the surplus channel, but the provision for this latter part of the work cannot be distinguished in the estimate.

It is recommended for sanction.

There should be no unnecessary delay in attending to the requirements of the whole group, especially to those essential to the safety of the lower tanks. Unless the investigations for such purposes be made and demands based upon them, the obtaining an increase of the Minor New Works grant is rendered unnecessarily difficult.

FORT ST. GEORGE,
11th August 1877.

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

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

No. 63. ORDER THEREON, 18th August 1877, No. 243 I.

THE following estimate from the Tinnevelly Range forwarded by the Officiating District Engineer, Tinnevelly, is sanctioned:—

TENKARAI TANK.

Head of Service.—Irrigation.
Group or Project.—Tenkarai tank group.
Fund and Main-head.—Ordinary Agricultural, Irrigation.
Class.—Original Works.
Name of Tank.—Tenkarai tank.
Particulars of Work.—Extending and improving weir and surplus channel.
Amount.—Rupees 2,950.
To be carried out by the Public Works Department Officer in charge, Tinnevelly Range.

2. This sanction has been registered as No. 120 I of 1877-78.

(True Extract.)

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

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

Exd. E. C. Shunker.
Spare Copies

Revenue Department
N° 3820

IRRIGATION.
ACCOUNT.

Govt. of {1877} Madras.

PUBLIC WORKS.

To

THE DISTRICT ENGINEER,
TINNEVELLY,
&c., &c., &c.

Dated August 18th.

Issued

Recd. 28 August *Encl.*

G. O., 18th August 1877, No. 243 I.

Rec'd Plans

AUGUST.

Nos. 62-63.

Tenkarai Tank, Tinnevelly District.—Sanctions estimate of Rupees 2,950 for extending and improving weir and surplus channel of the —. N° 4940

Comm'd to the Board of Revenue
28 Augt 77

P. W. & Revenue 29. 8. 77