(1) Number of pages 4.

(2) Date of repair 13.11.81.

(3) Initials of the Referencer

TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

Revenue DEPARTMENT

G.O. No.	5646.	Press.
B.P. No.		Mis.

Dated 22 9 1827 197 .

Not to be folded or roughly handled.

Archives 1—10,006—19-4-79.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

13th September 877, No. 320 I.

Irrigation.

Accoun.

Read the following paper :—

No. 165 I.

No. 79. *Note by the Chief Engineer for Irrigation.*

No. 897, dated 16th July 1877.

The District Engineer forwards, with his letter marginally noted, an estimate in connection with the Ramapuram Chennavaram Tank situated in the Sidhout Taluq, Sidhout 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.

	Rs.
Constructing a rough stone escape	90
New stone revetment with gravel backing to the bund	735

Repairs.

Raising and repairing the bund, also repairing the head of the irrigation sluice	765
Total ...	1,590

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

Ayacut area	102 Acres	{Circar 72} {Inam 30} Acres.
Assessment	634 Rupees	{Circar 319} {Inam 245} Rupees.
Average revenue	299 "	{Circar 282} {Inam 17} "
Highest do.	362 "	{Circar 343} {Inam 19} "

Expenditure during the previous four years ... ... *Nil.*

This tank is situated in north latitude 14° 40′ 30″ and east longitude 79° 12′ 30″, and is the first of a group of four tanks called the Ramapuram Rachayapet group.

The area of the catchment basin 1 square mile, the maximum flood supply is calculated at 450 cubic feet per second, for discharging which as surplus there is a rough stone escape 55 feet in length a the west, and a natural escape at the east end of the bund, the bed of the latter is s deeply scoured that it draws off the water at too low a level, and it is proposed to onstruct here a rough stone escape 15 feet in length, so as to make an aggregate length of 70 feet available for the surplus discharge.

The bund of this tank is low, weak, and irregular in section, the revetment of the front slope in several places either displaced or is below the M.W.L., and portions of the bund are without revetment, and the head of the irrigation sluice is in need of repairs.

The soil obtainable to repair the bund being poor and liable to be washed down by the rains, it is proposed to coat the surface of the bund with kunkur gravel 3 inches in thickness.

The estimate provides for—

(1.) Raising and repairing the bund, coating its surface with kunkur gravel, relaying the upper part of the revetment and raising it to proper level; also providing new stone revetment to the unrevetted portions of the bund, and repairing the head of the irrigation sluice.

(2). Constructing an escape at the east end of the bund with rough stone apron, the revetment to the bank being set in mortar.

The estimate, with the exception of the item for new revetment, is recommended for sanction. Upwards of $2\frac{1}{3}$ years' revenue should not be appropriated to revetment of a petty tank of this kind unless it be demonstrated that it will be economical to incur such an expense.

FORT ST. GEORGE,
3rd September 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. 80. ORDER THEREON, 13th September 1877, No. 320 I.

THE following estimate from the Sidhout Range forwarded by the District Engineer, Cuddapah, is sanctioned :—

RAMAPURAM CHENNAVARAM TANK.

Head of Service—Irrigation.

Group or Project.	Fund and Main head.	Class.	Name of Tank.	Particulars of Work.	Amount.
					Rs.
Ramapuram Rachayapet Group.	Ordinary Agricultural, Irrigation.	Original Works.	Ramapuram Chennavaram tank.	1. Rough stone escape.	99
		Repairs ...		2. Repairing bund and sluice.	785
				Total ...	855

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

2. This sanction has been registered as 178 I of 1877-78.

(True Ext

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

o the District Engineer, Cuddapah.
" Collector of Cuddapah.
" Chief Engineer for Irrigation.
" Examiner of Public Works Accounts.
" Revenue Department.

xd. E. C. Shunker.
bare Copies

Revenue Department
No 4100

IRRIGATION.
ACCOUNT.

Govt. of {1877} Madras.

PUBLIC WORKS.

To

THE DISTRICT ENGINEER,
CUDDAPAH,
&c. &c. &c.

Dated September 18th.

Issued

Recd. 21 September Encl.

G. O., 18th September 1877, No. 320 I.

SEPTEMBER.

Nos. 79-80.

22-9-77

Ramapuram Chapparam Tank, Cuddapah District.—Sanctions estimate of Rupees 395 for repairs, &c., in 1877.

No. 5646
Comm.r Colln
Board of Revenue