(1) Number of pages 4

(2) Date of repair 13-1-1984

(3) Initials of the Referencer

TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

REVENUE DEPARTMENT

G.O. No. / ~~B.P. No.~~	2818	Press. / Mis.
Dated	20 - 11 - 1878.	~~197~~ .

Not to be folded or roughly handled

Archives I—5,806—24-2-78.

2818

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

6th November 1878, No. 896 I.

Irrigation.
Account.

Read the following papers :—

No. 30. From Lieutenant-Colonel H. L. PRENDERGAST, R.E., Officiating Superintending Engineer, North Arcot, to the Chief Engineer for Irrigation, dated Vellore, 13th July 1878, No. 1,807.

WITH reference to your memorandum No. 55 NA of the 6th instant, I have the honor to forward the accompaniment to the estimate for Cottagaram small tank, which was by an oversight kept back. The detailed estimates, plans, &c., are returned.

One Section, Plan and Sketch.
Two Detailed Estimates.
" Abstract do.
One Hydraulic Statement.
" Accompaniment.

No. 300 I.

No. 30-A. *Note by the Chief Engineer for Irrigation.*

THE Officiating Superintending Engineer, North Arcot, forwards, with his letter No. 1,807, dated 13th July 1878, marginally noted, an estimate in connection with the Cottagaram small tank and supply channel belonging to the Pyaneri tank sub-group of Savukari tank main-group. The tank is situated in the Chittur taluk, Chittur Range, latitude 13° 14′ 40″, longitude 79° 17′ 20″.

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 masonry irrigation sluice	320
Repairs.	
Repairing tank bank and supply channel, also repairing and improving the weir	700
Total ...	1,020

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

Ayacut area	Acres 30
Assessment	Rupees 212
Average revenue	" 291
Highest do.	Not stated.
Expenditure during the previous four years	None.
Average cultivation per square mile of catchment basin = ...	Acres 54·9

The area of the catchment basin is 0·75 square mile; the maximum flood supply is calculated at 464 cubic feet per second, for discharging which as surplus there is a rough stone weir 49 feet in length which is much damaged; it is therefore proposed to rebuild the body wall and wings with stone-in-chunam.

The bund is low and weak and a part of the revetment is in disorder. The supply channel, from the tank lying above this one, is considerably silted up and its banks eroded. The irrigation sluice is in ruins and needs to be rebuilt.

The estimate provides for—

1*st*.—Constructing a masonry irrigation sluice to replace the ruined sluice.

2*nd*.—Repairing and raising the bund to a uniform height of 4·5 feet above F.T.L. or 2·5 feet above M.W.L. with a top width of 4·5 feet and suitable slopes, repacking the revetment, and turfing the land slope and the unrevetted portion of the water slope, repairing the supply channel, and repairing and improving the surplus weir.

The following statement shows the proposed distribution of the outlay recommended for sanction to the debit of the several heads of account involved:—

HEAD OF SERVICE—IRRIGATION.

Fund—Ordinary Agricultural.

Name of System or Group.	Distinguishing Number or Letter of Group.	Name of Tank or Channel.	Description of Work.	Main Head.	Class.	Amount of each Item.	Amount to be separately accounted for.
						Rs.	Rs.
Savukari tank, main group. Pyaneri tank, sub-group.	4	Cottagaram small tank and supply channel.	Constructing a masonry irrigation sluice.	Irrigation.	Original Works.	320	320
			Repairing bund, supply channel and weir.		Repairs ..	700	700

FORT ST. GEORGE,
22nd October 1878.

(Signed) P. MONTGOMERIE, Major, R.E.,
Ag. Dy. Chief Engr. for Irrigation,
for Ag. Chief Engineer for Irrigation.

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

No. 31. ORDER THEREON, 6th November 1878, No. 896 I.

THE following estimates from the Chittur Range, forwarded by the Officiating Superintending Engineer, North Arcot, are sanctioned:—

HEAD OF SERVICE.—IRRIGATION.

Savukari Tank, Main-group.

Pyaneri Tank, Sub-group.

Cottagaram small tank and supply channel.

Work—

1. Constructing a masonry irrigation sluice, Original Works ... ... Rs. 320

Total ... 320

2. Repairing bund, supply channel and weir, Repairs 700

Total ... 700

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

2. These sanctions have been registered as No. 218 I of 1878-79.

(True Extract.)

Lt.-Col., R.E.,
Ag. Joint Secy. to Govt., P.W.D.,
Irrigation Branch.

To the Superintending Engineer, 3rd Circle.
" Chief Engineer for Irrigation.
" Examiner of Public Works Accounts.
" Revenue Department.
" Collector of North Arcot.

Exd. E. C. Shunker.
Spare Copies

Revenue Department
No 5088.

IRRIGATION.
ACCOUNT

Govt. of {1878} Madras.

PUBLIC WORKS.

To

The SUPERINTENDING ENGINEER,
3rd CIRCLE,
&c., &c., &c.

Dated November 6th.

Issued

Rcd. 19 Nov^r. Encl.

G. O., 6th November 1878, No. 896 I.

NOVEMBER
Nos. 30-31.

Cottagavam Small Tank and Supply Channel, Sirukuri Tank, Main-group, Pycoor Tank, Sub-group, North Arcot District.
Estimates for constructing a masonry irrigation sluice and repairing the bund of — sanctioned.

No 2818
Comm^d to the
Board of Revenue -
20: Nov 78.