(1) Number of pages 4

(2) Date of repair 22-1-1981

(3) Initials of the Referencer

TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

Revenue DEPARTMENT

G.O. No. / B.P. No: 3470	Press. / Mis.
Dated 20.6.1877	197 F.

Not to be folded or roughly handled

Archives I—10,006—19-4-79.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

11th June 1877, No. 75 I.

Irrigation.
Account.

Read the following paper:—

No. 43 I.

Note by the Chief Engineer for Irrigation.

No. 42. The Officiating District Engineer, Bellary, forwards, with his letter marginally noted, an estimate in connection with the Gooty tank, situated in the Gooty Taluq, Gooty Range.

No. 408, dated 24th March 1877.

2. The nature of the work proposed for execution and the heads of account to which it is chargeable are as follow:—

No. 417, dated 28th April 1877.

ORDINARY AGRICULTURAL.

IRRIGATION.

Repairs.

		Rs.
Reconstructing an Irrigation sluice		3,726
Total ...		3,726

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

Ayacut area	Acres	1,230	Circar ... 707 Inam ... 523
Assessment	Rupees	8,172	Circar ... 4,203 Inam ... 3,969
Average revenue		4,252	Circar ... 3,682 Inam ... 570
Highest do.	"	5,072	Circar ... 4,582 Inam ... 490

Expenditure during the previous four years ... ... Rupees 5,624

The area of the catchment basin is 103 square miles; the maximum flood supply is calculated at 9,693·44 cubic feet per second, for discharging which as surplus there are four weirs and a natural escape. Their lengths are as follow:—

(1.) 40 feet in length.
(2.) 232 do.
(3.) 128 do.
(4.) 160 do.

And a natural escape 206 feet in length, making an aggregate length of 766 feet available for the surplus discharge.

4. This tank is an isolated one. The height of its bund above weir crests varies from 3·25 to 9 feet.

5. The tank has three Irrigation sluices, two of which are in good order, and the other is in a ruined condition and needs to be reconstructed.

It is stated that the land irrigated by the damaged sluice cannot be commanded by the other sluices as it lies at a higher level. The estimate provides for the entire reconstruction of the sluice, which is reported to be necessary. It is to be observed that it would not necessarily follow, that a low level sluice could not efficiently irrigate comparatively high level lands, seeing that by means of the rear cistern water can be and often is raised to supply a high level channel, but the District Engineer reports that he has personally ascertained that the rebuilding of this sluice is necessary, and the estimate is therefore recommended for sanction.

From Dist. Engr., No. 5,408, 24th Mar. 1877.
To do., No. 9 Bl., 14th April „
From do., No. 417, 28th „ „

There has been very great delay in attending to the requirements of the sluice as will be seen from the correspondence. The District Engineer has been authorized to proceed with the work.

6. It has further to be noticed that it is stated that the expenditure on the tank in the previous four years amounted to Rupees 5,624. There does not appear to have been any sanction given by Government for any of this outlay and it was in excess of the limit of local sanction. Moreover, in the papers originally forwarded by the District Engineer, it was noted that parts of the bund were as low as [illegible]25 feet above F.T.L., and as with the length of weirs reported, even if all on the same level, the M.W.L. may rise to nearly 2½ feet above full tank level, it is clear that unless the repairs on which so much have been spent have brought the bund to a proper level, the tank is not safe. The District Engineer should attend to this matter.

FORT ST. GEORGE,
7th June 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. 43. ORDER THEREON, 11th June 1877, No. 75 I.

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

GOOTY TANK.

Head of Service.—*Irrigation.*
Fund and Main-head.—Ordinary Agricultural, Irrigation.
Class.—Repairs.
Name of Tank.—Gooty Tank.
Particulars of Work.—Reconstructing Irrigation sluice.
Amount.—Rupees 3,726.

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

2. This sanction has been registered as No. 61 I of 1877-78.

(True Extract.)

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

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

Exd. E. C. Shunker.
14 Spare Copies

19/6

Revenue Department
No 2965

IRRIGATION.
ACCOUNT.

Govt. of {1877} Madras.

PUBLIC WORKS.

To

THE DISTRICT ENGINEER,
BELLARY,
&c., &c., &c.

Dated June 11th.

Issued

Recd. 19 June Encl.

G. O., 11th June 1877, No. 75 I.

JUNE.

Nos. 42*43.

No 3470
Comm.r Colltrs
Board of Revenue
20: June 77.

Irrigation sluice in the Gooty Tank, Bellary District.—Estimate for reconstructing an —, sanctioned.

No 2965