

(1) Number of pages 4
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TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

Revenue DEPARTMENT

G.O. No.	3642	Press.
B.P. No.		Mis.
Dated	27-6-1877	197 .

Not to be folded or roughly handled. *8/2*

GOVERNMENT OF MADRAS.
PUBLIC WORKS DEPARTMENT.

15th June 1877, No. 84 I.

Irrigation.
Account.

Read the following paper :—

No. 47 I.

No. 59. *Note by the Chief Engineer for Irrigation.*

THE District Engineer, South Arcot, forwards, with his letter marginally noted, an estimate in connection with the Agara Kottalum Tank, situated in the Kullacoorchee Taluq, Virdachellam 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.
Repairs.

	rs.
To bund	394
To calingulah	151
Total	545

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

Ayacut area	33.22 Acres.
Assessment	160 Rupees.
Average revenue	173 "
Highest "	Not stated.
Expenditure during the previous four years	Nil.

The area of the catchment basin is 8 square miles, the maximum flood-supply is calculated at 1,800 cubic feet per second, for discharging which, as surplus, there are two works called in the estimate "calingulahs," but probably rough-stone escapes, one 70 feet in length, and the other 110, making an aggregate length of 180 feet. The bund was breached during the floods of August 1875 and the 70-foot calingulah was much injured. The bund is low and weak, and is proposed to be raised to 5.50 feet above F.T.L. or 3.50 M.W.L. This margin is more than is necessary, and 2½ feet will suffice. The District Engineer should reconsider this point.

The estimate provides for repairing the bund, repairing the injured escape, and raising the wing-walls of both surplus works.

It is anticipated that, after the tank has been put in order, the revenue will be increased to Rupees 275. No mention is made of any tanks above this tank in the catchment basin. The ayacut is but 4½ acres to the square mile, or about one-tenth of the usual proportion.

The estimate is recommended for sanction.

FORT ST. GEORGE,
11th June 1877.

To the Joint Secretary to Government,

(Signed) G. T. WALCH,
Chief Engineer for Irrigation,
for Chief Engineer for Irrigation.
Agent, Irrigation Branch.

No. 60.

ORDER THEREON, 15th June 1877, No. 84 I.

The following estimate from the Virdachellam Range forwarded by the District Engineer, South Arcot, is sanctioned :—

AGARA KOTTALUM TANK.
Head of Service—Irrigation.

Group or Project.	Fund and Main Head.	Class.	Name of Tank.	Particulars of Work.	Amount.
...	Ordinary Agricultural Irrigation.	Repairs	Agara Kottalum Tank.	1. Bund ... 2. Calingulah ...	rs. 394 151
Total ...					545

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

2. This sanction has been registered as No. 66 I of 1877-78.

(True Extract.)

[Signature]

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

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

Exd. T. D. Ryan.
Spare Copies

Revenue Department
No 3057
IRRIGATION.
ACCOUNT.

Govt. of 1877 Madras.
PUBLIC WORKS.

To

The DISTRICT ENGINEER,
SOUTH ARCOT.
&c. &c. &c.

Dated June 15th.

Issued

Recd. 26 June Encl.

G. O., 15th June 1877, No. 84 L.

De Memo

JUNE.
Nos. 59-60.

No 3642
Comm to the
Board of Revenue
27 June

Agara Kottaluni Tank, South Arcot District.
Estimate of Rupees 545 for repairs to
sanctioned.

936742g Revenue 27.6.77.