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TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

REVENUE DEPARTMENT

G.O. No.	4258	Press.
B.P. No.		Mis.
Dated	31 7. 1879	197

Not to be folded or roughly handled

4258
1

GOVERNMENT OF MADRAS.
PUBLIC WORKS DEPARTMENT.

17th July 1877, No. 175 I.

Irrigation.
Account.

Read the following paper:—
No. 96 I.

No. 94. *Note by the Chief Engineer for Irrigation.*

The Superintending Engineer, Chingleput, forwards, with his letter marginally noted, an estimate in connection with the Madambakkam tank situated in the Conjeveram Taluq, No. 3 or Chingleput 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.

Reconstructing a masonry irrigation sluice	...	...	...	...	Rs.
					690

Repairs.

Raising and repairing the bund and forming an escape planted with grass	...	...	...	...	Rs.
Converting the calingulah into a weir	...	...	...	...	70

Total ... 1,750

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

Ayacut area	...	...	...	...	Acres	207
Assessment	...	...	...	...	Rupees	749
Average revenue	...	...	...	...	"	708
Highest do.	...	...	...	...	"	725
Expenditure during the previous four years	...	...	...	...		Nil.

This tank is an isolated one.

The area of the catchment basin is 3 square miles; the maximum flood supply is calculated at 1,170 cubic feet per second, for discharging which as surplus there is a calingulah 28 feet in length, effective 24 feet. The tank has an irrigation sluice which is beyond repair. The bund is in bad order, particularly the front slope which is much eroded; the revetment also is considerably damaged.

It is proposed to convert the calingulah into a weir by removing the dam stones and raising the body wall up to F.T.L. and to form a grass planted escape 100 feet in length, so as to make an aggregate length of 218 feet available for the surplus discharge; for this the estimate provides as well as for reconstructing the irrigation sluice, and for repairing the bund and revetment, planting tank grass up to M.W.L., and turfing above that level.

The estimates are recommended for sanction, that for repair of the bund, however, being reduced from Rupees 990 to Rupees 790 by striking out the provision for turning above M.W.L.

The plan for the sluice does not bear the countersignature of the Superintending Engineer. Two plugs each 8 inch in diameter had better be provided. The arrangements at the cistern are incomplete. If a high level channel has to be supplied there must be means of regulating the low level opening, and a shutter with proper grooves must be provided.

FORT ST. GEORGE,
7th July 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. 95. ORDER THEREON, 17th July 1877, No. 175 I.

The following estimate from the No. 3 or Chingleput Range forwarded by the Superintending Engineer, Chingleput, is sanctioned:—

MADAMBAKKAM TANK.

Head of Service—Irrigation.

Group or Project.	Fund and Main-head.	Class.	Name of Tank.	Particulars of Work.	Amount.
None.	Ordinary Agricultural, Irrigation.	Original-Works.		Reconstructing sluice	Rs. 690
		Repairs	Madambak-kam Tank.	{ Repairing bund	790
				{ Converting calingulah into weir.	70
				Total	1,550

To be carried out by the Public Works Department Officer in charge No. 3 or Chingleput Range.

2. This sanction has been registered as No. 98 I. of 1877-78.

(True Extract.)

[Signature]

Colonel R.E.,

[Signature] Secy. to Govt., P.W.D.,
Irrigation Branch

To the Superintending Engineer, Chingleput.
" Collector of Chingleput.
" Chief Engineer for Irrigation.
" Examiner of Public Works Accounts.
" Revenue Department.
" Board of Revenue.

Exd. C. Howarth.

Spare Copies

31/7

Mr. Report
No 3494

INDICATION
ACCOUNT

Est. of 1877 Madras
PUBLIC WORKS.

✓

THE SUPERINTENDING ENGINEER
CHENNAI
No. 3494

Estimated by Mr. [illegible]

30 July

1000 Rs. 1000 Rs. 1000 Rs.

JULY.

No. 34-95.

Madras Public Works Department.
The estimate of Rs. 1,000 for carrying
works to the [illegible] [illegible].

Lodged
10/10/77