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TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

Revenue DEPARTMENT

G.O. No.	2345	Press
B.P. No.		Mis.
Dated	10. 10.	1976.

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
18th September 1876. No. 2,495.*

Read the following:—

No. 182-V.

No. 298. *Note by the Chief Engineer for Irrigation.*

THE District Engineer, Nellore, forwards with his letter marginally noted an estimate in connection with the Caluvoy tank situated in the Atmakur taluq, Central 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.

Repairs.

	RS.
Reconstructing an irrigation sluice, &c.	3,500
Total ...	3,500

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

Ayacut area	Acres 2,075
Assessment	...
Average revenue... ..	Rupees 8,000
Highest do.	...

Expenditure during the previous four years.

The area of the catchment basin is 40 square miles; the maximum flood supply is calculated at 6,581.25 cubic feet per second, for discharging which the surplusage works are not specified. The estimate of flood discharge is rather high, probably 5,700 cubic feet a second would be a maximum, as the tank is situated 50 or 60 miles from the coast.

The Caluvoy tank irrigates an area of 2,075 acres and yields a revenue of Rupees 8,000.

This tank had originally four irrigation sluices, one was destroyed, and another is in such a bad condition that it is proposed to reconstruct it on a design that will not only irrigate the land immediately under it but also the land under the sluice which was destroyed, thus obviating the necessity of reconstructing both of the sluices.

When the old sluice was stripped with view to repairing it, it was found to be in such an insecure condition generally that entire reconstruction was unavoidable, and as it was necessary to complete the work and close the opening in the bund before the time when the tank usually received a supply of water, in order to prevent loss of revenue, the building of the new sluice was commenced in anticipation of sanction as being emergent work.

Under the circumstances stated, the District Engineer appears to have had no alternative but to order the work to proceed, but there appears to have been considerable and unnecessary delay in arriving at a decision as to what course should be pursued, and in deciding on the position and level of the new sluice.

The bund appears to have been opened out in March, but it was not finally decided to build a new sluice till May, and the plan and estimate were not forwarded to this office till the 12th August 1876.

When an old native work of this nature about to be opened out for examination and a breach made in a tank bund, contingency of having to reconstruct

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entirely should always be considered, and the main points in connection with the new work should be decided on beforehand.

The plan and estimate will, under the circumstances, have to be sanctioned and provided for during the current year.

The remarks noted on the plan should be attended to.

OOTACAMUND,
14th September 1876.

(Signed) A. DE C. SCOTT, Major, R.E.,
Dy. Chief Engineer for Irrigation,
for Chief Engineer for Irrigation.

To the Secretary to Government, Public Works Department.

No. 299.

ORDER THEREON, 18th September 1876, No. 2,495.

IRRIGATION, No. 33.

Account.

THE following estimate from the Central Range, forwarded by the District Engineer, Nellore, is sanctioned :—

CALUVVOY TANK.
Irrigation.

Group or Project.	Fund.	Class.	Name of Tank, Canal, or Channel.	Particulars of Work.	Amount.
...	Ordinary Agricultural.	Repairs.	Caluvvoy Tank.	Reconstructing an Irrigation sluice.	RS. 3,500 To be carried out by the Public Works Department Officer in charge Central Range.

2. This sanction has been registered

No. 153-I. of 1876-77.

(act.)

W. H. H. H.
Colonel,
Offg. Under Secy. to Govt., P.W.D.

To the District Engineer, Nellore.

" Collector of do.
" Chief Engineer for Irrigation.
" Examiner of Public Works Account.
" Revenue Department.

Exd. E. C. Shunker.

Spare Copies

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Govt. of 1876 Madras.

PUBLIC WORKS.

To

THE DISTRICT ENGINEER,

NELLORE,

&c., &c., &c.

Dated September 18th.

Issued

Recd.

ack 9th

Encl.

G. O., 18th September 1876, No. 2,495.

SEPTEMBER.

Nos. 298-299.

Calvary Tank, Nellore District.—The
estimate for reconstructing an irrigation
sluice in the — sanctioned.

Communicated to the N. D. Officer

10 October 1876