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TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

Revenue DEPARTMENT

G.O. No.	3945	Press.
B.P. No.		Mis.
Dated	14. 7. 1877	197 .

Not to be folded or roughly handled

3945

GOVERNMENT OF MADRAS.
PUBLIC WORKS DEPARTMENT.

7th July 1877, No. 141 L.

Irrigation.
Account.

Read the following paper:—

No. 73 L.

No. 29. *Note by the Chief Engineer for Irrigation.*

THE District Engineer, Kurnool, forwards, with his letter marginally noted, an estimate in connection with the Pedda-cumbaloor Saravazoo Tank, situated in the Sirwell Taluq, Nundial 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 Irrigation Sluice No. 1	105
" " " 2	175
" Bund and extension of escape	890
Total	1,170

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

Ayacut area	50 Acres
Assessment	257 Rupees
Average revenue	353 "
Highest do.	404 "
Expenditure during the previous four years	Nd.

The area of the catchment basin is 7 square miles; the maximum flood-supply is calculated at 2,470 cubic feet per second, for discharging which, as surplus, there is a natural escape 40 feet in length, which is insufficient. The bund is low and irregular.

The two irrigation sluices are out of order and require repairs.

The estimates provide for —

(1.)—Repairing the bund, making its top 5 feet above F.T.L. and 3 feet above M.W.L., and 4 feet 6 inches wide, with which is included the formation of an escape 260 feet long at the north-eastern end of the bund. It is not necessary in a tank of this class to allow a greater margin than 2 feet above M.W.L., and the estimate has been reduced accordingly.

(2.)—The repair of the irrigation sluices. In the papers connected with the estimates the ayacut acreage under the tank is in one place stated to be 50 acres, whilst in another the "irrigation area" is given as 124 acres; even the latter is small compared with the area from which the tank derives its supply.

The length of escape proposed would not be enough if only 2 feet in depth are supposed to go over it, and were the flood discharge likely to be as great as that calculated, but the co-efficient taken is a very high one, and it is probable that the M.W.L. will, therefore, not exceed 2 feet above F.T.L.

The estimates as altered are recommended for sanction.

FORT ST. GEORGE,
27th June 1877.

(Signed) G. T. WALCH,
Ag. Dy. Chief Engr. for Irrigation,
for Chief Engr. for Irrigation.

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

No. 30.

ORDER THEREON, 7th July 1877, No. 141 I.

The following estimate from the Nundial Division forwarded by the District Engineer, Kurnool, is sanctioned:—

PEDDACUMBALLOOR SARAVAZOO TANK.

Head of Service—Irrigation.

Group or Project.	Fund and Main Head.	Class.	Name of Tank.	Particulars of Work.	Amount.
...	Ordinary Agricultural, Irrigation.	Repairs	Peddacumballoor Saravazoo Tank.	1. Sluice No. 1 ... 2. Do. No. 2 ... 3. Bund and escape	Rs. 105 175 710
				Total ...	990

To be carried out by the Public Works Department Officer in charge, Nundial Division.

2. This sanction has been registered as No. 87 I of 1877-78.

(True Extract.)

Colonel R.E.

Colonel, R.E.,
Joint Secy. to Govt., P.W.D.,
Irrigation Branch.

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

Exd. T. D. Ryan.

11x Spare Copies

Revenue 259

No 3264

IRRIGATION,
ACCOUNT.

Govt. of 1877 Madras.

PUBLIC WORKS.

To

THE DISTRICT ENGINEER,
KURNOOL,
&c., &c., &c.

Dated July 7th.

Issued

Recd.

14 July

Encl.

G. O., 7th July 1877, No. 141 L.

JULY.

Nos. 29-30.

Pedacumbalur Saraswathi Tank, Kurnool
District.—The estimate of Rs. 990 for
certain works to the — sanctioned.

Count to the
Board of Revenue
14 July 77

8. To the M^r of Revenue 16. 77