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TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

Revenue DEPARTMENT

G.O. No.	217	Press.
B.P. No.		Mis.
Dated	17.1.1879	197 .

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Not to be folded or roughly handled

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GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

17th December 1878, No. 1,025 I.

Irrigation.
Account.

Read the following paper:—

No. 46. From J. W. RUNDALL, Esq., District Engineer, Bellary, to the Chief Engineer for Irrigation, dated Bellary, 22nd August 1878, No. 2,196.

With reference to the return of tanks affecting the line of railway in the Gooty Range for the half-year ending 30th June 1878, I have the honor to submit for the sanction of Government an estimate of Rupees 1,460 with accompaniments as per margin for reconstructing the weir and repairing the bund of Obacherla Tank in the Gooty Taluk.

2. As the estimate exceeds the average revenue of the tank, it is beyond my competence to sanction. The estimate has been countersigned by the Collector in token of approval.

No. 359 I.

No. 46-A. Note by the Chief Engineer for Irrigation.

THE District Engineer, Bellary, forwards with his letter marginally noted an estimate in connection with the Obacherla Tank, the uppermost of the Gooty Group. The tank is situated in the Gooty Taluk, Gooty Range, and commands the line of railway.

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.

	RS.
Re-constructing and extending the weir	590
Raising revetment of the bund with new stone	240

Repairs.

Raising and repairing the bund, also repacking the revetment	630
Total	1,460

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

Ayacut area Acres	157	{	Circar	45
			Inam	112
Assessment Rupees	617	{	Circar	236
			Inam	381
Average revenue * Rupees				546
Highest do.				615
Expenditure during the previous four years				None.
Average cultivation per square mile of catchment basin ... Acres				13.8

The area of the catchment basin is 10 square miles; the maximum flood supply is calculated at 1,856 cubic feet per second, for discharging which as surplus there is a weir 50 feet in length which is insufficient. It is now proposed to dismantle the existing work and to construct a new weir 102 feet in length.

Some portions of the bund and revetment of this tank are low, and the former needs to be raised and the latter repacked with new stone.

The estimate provides for—

(1) Repairing and raising the bund to a uniform height of 6 feet above F.T.L. or 3 feet above M.W.L., repacking the revetment and raising the same with new stone.

(2) Dismantling the existing weir and constructing a new weir 102 feet in length.

The following statement shows the proposed distribution of the outlay recommended for sanction to the debit of the several heads of account involved:—

Head of Service—Irrigation.

Fund—Ordinary Agricultural.

Name of System or Group.	Distinguishing Number or Letter of Group.	Name of Tank or Channel.	Description of Work.	Main Head.	Class.	Amount of each Item.	Amount to be separately accounted for.
Gooty Group.	4	Obacherla Tank.	Reconstructing and extending weir.	Irrigation.	Original Works.	590	830
			New stone revetment to the bund.		Do. ..	240	
			Repairing bund and repacking revetment.		Repairs ..	630	

FORT ST. GEORGE,
6th December 1878.

(Signed) P. MONTGOMERIE, Major, R.E.,
Ag. Dy. Chief Engineer for Irrigation,
for Ag. Chief Engineer for Irrigation.

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

No. 47. ORDER THEREON, 17th December 1878, No. 1,025 I.

The following estimates from the Gooty Range forwarded by the District Engineer, Bellary, are sanctioned:—

Head of Service—Irrigation.

Gooty Group.

Obacherla Tank.

Work—		RS.
1. { Reconstructing and extending weir, Original Works ...	...	590
{ New stone revetment to the bund, do. ...	...	240
Total ...	...	830
2. Repairing bund and repacking revetment, Repairs ...	...	630

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

2. These sanctions have been registered as No. 293 I X of 1878-79.

(True Extract.)

Ag. Chief

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

To the Superintending Engineer, Second Circle.
" Chief Engineer for Irrigation.
" Examiner of Public Works Accounts.
" Revenue Department.
" Collector of Bellary.

Exd. E. C. Shunker.

14 Spare Copies

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H. 373.

IRRIGATION.
ACCOUNT.

Mis A/17 Jamy/79 no 217
Govt. of (1878) Madras.

PUBLIC WORKS.

To
THE SUPERINTENDING ENGINEER,
SECOND CIRCLE,
&c. &c. &c.

Dated December 17th.

Amount

Recd. 14 Jan'y/79.

Deb.

G. O., 17th December 1878, No. 1,025 L.

RECEIVED.

Nos. 46-47.

10. L. L. Board of Revenue Dec. 30/1/79

no 217
Comm. to the
Board of Revenue

17 January/79 M. V.

Chachoria Tank, Bellary District.—Sanctions estimates for repairs to —.

no 217

Qf