Archives I—10,006—6-10-76.

(1) Number of pages 4

(2) Date of repair 28.2.86

(3) Initials of the Referencer Lms

TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

Rus
Public Works DEPARTMENT

G.O. No. / B.P. No.	1535	Press. / Mis.
Dated	22-6-1878	197 .

Not to be folded or roughly handled

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

31st May 1878, No. 447 I.

Irrigation.

Account.

Read the following paper :—

No. 147 I.

No. 113. *Note by the Chief Engineer for Irrigation.*

The District Engineer, Cuddapah, forwards, with his letter marginally noted, an estimate in connection with the Murupandy Wooroomandary (isolated) tank situated in the Jammalamadagu taluq, Cuddapah range, north latitude 14° 56′ 30,″ east longitude 77° 15′ 30″.

No. 45, dated 6th April 1878.

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.

Repair.

	Rs.
Raising and repairing bund, closing breach, repacking revetment with gravel backing, extending natural escape, and repairing the irrigation sluice	117
Total ...	117

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

Ayacut area	Acres	23	{Circar 6 / Inam 17
Assessment	Rupees	208	{Circar 84 / Inam 124
Average revenue	„	6	{Circar 54 / Inam 8
Highest do.	„	104	{Circar 97 / Inam 7
Expenditure during the previous four years			None.
Average cultivation per square mile of catchment basin ...	Acres		13·7

The area of the catchment basin is 0·5 square mile; the maximum flood supply is calculated at 207 cubic feet per second, for discharging which as surplus there is a natural escape over rock 26 feet in length at the south end of the bund, which being insufficient it is proposed to extend it 6 feet* in the direction of the bunds centre.

* An addition of 14 feet making 40 altogether will be better.

This is a small tank supplied by the drainage of the adjoining hills. The bund is low and weak and was breached during the heavy rains of 1872. The revetment also is loose and needs to be repacked. The tank has one irrigation sluice which requires repairs.

The estimate provides for repairing and raising the bund to a uniform height of 3 feet above F.T.L. with a top width of 4·5 feet and slopes of 1 to 1 in front and 2 to 1 at the rear, except at the breach where the rear slope is to be 3 to 1, repacking the revetment with gravel backing to a height of 2 feet above F.T.L., closing the breach, extending the natural escape, and for repairing the irrigation sluice.

The following statement shows the proposed distribution of the outlay recommended for sanction :—

Heads 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.
Isolated tank.	..	Murupandy Wooroomandary tank.	Repairing bund, closing breach, repacking revetment, extending natural escape, and repairing irrigation sluice.	Irrigation.	Repairs.	Rs. 117	Rs. 117

(Signed) JOHN MULLINS, Lt.-Col., R.E.,
29th May 1878. Chief Engineer for Irrigation.

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

No. 114. ORDER THEREON, 31st May 1878, No. 447 I.

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

Heads of Service.—Irrigation.

Murupandy Wooroomandary Tank.

WORK.—Repairing bund, closing breach, repacking revetment, extending natural escape, and repairing irrigation sluice, Repairs ... Rs. 117

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

2. This sanction has been regist[illegible]s No. 71 I of 1878-79.

(T[illegible]ract.)

(Sig[illegible] JOHN MULLINS, Lt.-Col., R.E.,
Joint Secy. to Govt., P.W.D.,
Irrigation Branch.

([illegible]opy.)

Major, R.E.,
Under Secy. to Govt., P.W.D.,
Irrigation Branch.

To the District Engineer, Cuddapah.
" Collector of Cuddapah.
" Chief Engineer for Irrigation.
" Examiner of Public Works Accoun
" Revenue Department.

Encl. E. C. Shunker.
Spare Copies [illegible] Office

Revenue 1878 Sept
No 2451.

IRRIGATION.
ACCOUNT.

Govt. of {1878} Madras.

PUBLIC WORKS.

To

THE DISTRICT ENGINEER,
CUDDAPAH,
&c., &c., &c.

Dated May 31st.

Issued

Recd. June 20 Encl.

G. O., 31st May 1878, No. 447 I.

MAY.

Nos. 113-114.

No 1504—
Communicated to
the Board of Revenue.
22 June 1878

Murkpandy Wooroomandary Tank, Cuddapah.—The estimate for the repairs, &c., to the — sanctioned.

Withdrawn