(1) Number of pages 2 Sheets

(2) Date of repair

(3) Initials of the Referencer

TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

Revenue DEPARTMENT

G.O. No. / B.P. No:	6129.	Press. / Mis.
Dated	16-10-1877.	197 .

Not to be folded or roughly handled

Archives I—10,006—19-4-79.

8

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

4th October 1877, No. 373 I.

Irrigation.

Account.

Read the following paper :—

No. 184 I.

No. 24. *Note by the Chief Engineer for Irrigation.*

The District Engineer, Cuddapah, forwards, with his letters marginally noted, an estimate in connection with the Deovalacheroo Terumala Davara tank situated in the Madanapully Taluq, Madanapully Range.

No. 2,720, dated 26th February 1877, and
„ 963, „ 23rd July 1877.

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.
Extending and repairing west weir and constructing a new body wall to the east weir	1,135
Repairs.	
Repairing the bund	25
Total ...	1,160

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

Ayacut area	201 Acres	{Circar 169 / Inam 32}	Acres.
Assessment	958 Rupees	{Circar 800 / Inam 158}	Rupees.
Average revenue	694 „	{Circar 581 / Inam 113}	„
Highest do.	798 „	{Circar 656 / Inam 142}	„

Expenditure during the previous four years ... ... Not stated.

This tank is situated in latitude 13° 46′ and longitude 78° 23′, and is the terminal one of a group of 193 tanks.

The area of the catchment basin is 80 square miles ; the maximum flood supply is calculated at 9,362 cubic feet per second, for discharging which as surplus there are two outlets 144 feet in length, of which one is at the west and the other at the east end of the bund ; the body wall and apron of the former were injured by the heavy rain of October 1874. It is proposed to rebuild the damaged portions of the body wall and extend the same also to construct a new body wall to the latter, so as to make an aggregate length of weirs 334 feet available for the surplus discharge.

The tank has three irrigation sluices, of which two are in the bund and one in the weir at the west end of the bund, all in good order.

The estimate provides for—

(1.) Extending and rebuilding the damaged portions of the body wall of west weir, raising it to F.T.L., strengthening it by a supporting wall and constructing a [illegible] wall to the same, also constructing a new body wall to the weir at the east end of the bund.

(2.) Repairing the bund.

The latitude given in the report is 13° 24′, but from the Atlas sheet it appears that it really is 13° 46′. The plan of the weir No. 1 is roughly drawn, and on a scale which for the sections at all events is absurdly small, viz., 1″=20′. No attention has been paid to the detailed instructions given in Circular No. 77 for the preparation of such plans. One of the sections intended apparently for the new portion of the weir (it is not referred by letters or otherwise to any portion of the "plan") shows the body wall carried down 6 feet below the surface; but as it is stated that no apron is required because there is "hard rock" at the site, so great a depth of foundations would seem to be unnecessary; the plan, however, is so deficient in information that no decided opinion can be formed from it of the suitability of the design. It appears, however, that the work has been carried out in accordance with instructions given by the District Engineer after personal inspection of the site, and under these circumstances the estimates are recommended for sanction. Colonel Moberly should be careful in future to see that plans forwarded by him are drawn in accordance with Circular No. 77 and contain all the information essential for their consideration.

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.	Description of Work.	Main Head.	Class.	Amount of each Item.	Amount to be separately accounted for.
						Rs.	Rs.
Deovalacheroo Terumala Davara Tank Group.		Deovalacheroo Terumala Davara Tank.	Extending and repairing west weir and constructing a new body wall to the east weir.	Irrigation.	Original Works.	1,135	1,135
			Repairing the bund		Repairs ..	25	25

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

FORT ST. GEORGE,
19th September 1877.

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

No. 25. ORDER THEREON, 4th October 1877, No. 373 I.

THE following estimates from the Madanapully Range forwarded by the District Engineer, Cuddapah, are sanctioned:—

HEAD OF SERVICE—IRRIGATION.
Deovalacheroo Terumala Davara Tank.

		Rs.
Work—1.	Repairing the bund.—Repairs	25
2.	Improvements to weirs—Original Works	1,135

To be carried out by the Public Works [illegible]partment Officer in charge, Madanapully Range.

These sanctions have been registered as No. 226 I of 1877-78.

(True Extract.)

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

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

Extd. A. Grubert.
Spare Copies

Revenue Department

No 4401

IRRIGATION.
ACCOUNT.

Govt. of {1877} Madras.

PUBLIC WORKS.

To

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

Dated October 4th.

Issued

Recd. 15 October Encl.

G. O., 4th October 1877, No. 373 I.

OCTOBER.

Nos. 24-25.

Déevalachéroo Tirumala Dwara Tank, Cuddapah District.—Sanctions estimate of Rupees 1,160 for repairing the —.

No 6129
Comm^d to the
Board of Revenue
16 Oct^r 77