(1) Number of pages _____

(2) Date of repair _____

(3) Initials of the Referencer _____

TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

Revenue DEPARTMENT

G.O. No. / B.P. No:	2889	Press. / Mis.
Dated	22.5.1877	197 .

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Archives 1—10,006—19-4-79.

2849

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

8th May 1877, No. 17 I.

Irrigation.

Account.

Read the following:—

No. 6 I.

No. 33. *Note by the Chief Engineer for Irrigation.*

The District Engineer, Cuddapah, forwards, with his letter marginally noted, an estimate in connection with the Utukuru Tank situated in the Cuddapah taluq Cuddapah Range.

No. 2,956, dated 20th March 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.

Repairs.

	Rs.
Repairing the bund and surplus weir	2,090
Total ...	2,090

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

Ayacut area	{Circar 245 / Inam 80}	Acres 325
Assessment	{Circar 3,768 / Inam 1,885}	Rupees 5,653
Average revenue		„ 1,966
Highest do.		„ 2,149
Expenditure during the previous four years		„ 12,417

The area of the catchment basin is 3 square miles, the maximum flood supply is calculated at 570 cubic feet per second, for discharging which as surplus there are two weirs, one 30 feet in length and the other 63 feet, making an aggregate length of 93 feet available for the surplus discharge.

This tank is situated above the line of railway in latitude 14° 27′ 15″, longitude 78° 51′ 40″. In addition to its catchment basin it is supplied by a channel from the Booggah river, which is provided with an anicut and a head sluice. The channel which is not only river supplied but spring fed has been lately put in order as a famine relief work.

4. The bund of the tank is cut up in consequence of the soil being bad, to remedy which it is proposed to fill in the gullies which have been formed and to gravel the top and portions of the front and rear slopes.

5. At the west end of the bund and in rear of the larger weir a deep hole has been scoured out, which it is proposed to fill in with rough stone so as to form a lower apron.

6. The estimate provides for the earth-work, gravelling and rough stone filling above noted as required.

7. It is stated that, in the opinion of the Collector, the earth-work and gravelling should be done by famine coolies, and that the work has been ordered to be put in hand.

8. There was in 1873-74 the large expenditure of Rupees 12,243 on this tank, and in 1875-76 a further expenditure of Rupees 174. Of the estimate now submitted nearly half (Rupees 1,005-13-4) is for gravelling the top of the bund, so much of the front slope as is not protected by revetment, and a portion of the rear slope.

9. The estimate is recommended for sanction, but before the gravelling is carried out the District Engineer should satisfy himself that the soil is such as to make it necessary and economical to gravel the surface of the earth-work. It is by no means clear that the large sum spent during the last few years has been judiciously laid out, and it would have been much more satisfactory had the papers shown that the District Engineer had inquired personally into the matter. There is nothing to indicate that he has done more than transmit the papers sent to him by the Range Officer.

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

FORT ST. GEORGE,
2nd May 1877.

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

No. 34. ORDER THEREON, 8th May 1877, No. 17 I.

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

UTUKURU TANK.

Head of Service.—Irrigation.

Group or Project.———
Fund.—Ordinary Agricultural.
Main-head.—Irrigation.
Class.—Repairs.
Name of Tank.—Utukuru Tank.
Particulars of Work.—Repairing bund and surplus weir.
Amount.—Rupees 2,090.
To be carried out by the Public Works Department Officer in charge Cuddapah Range.

2. This sanction has been registered as No. 40 I of 1876-77.

3. The District Engineer's attention is called to paragraph 9 of the foregoing note.

(True Extract.)

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

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

Exd. E. C. Shunker.

14 Spare Copies

Revenue Department
No 2588.

IRRIGATION.
ACCOUNT.

Govt. of {1877} Madras.

PUBLIC WORKS.

To

The DISTRICT ENGINEER,
CUDDAPAH,
&c., &c., &c.

Dated May 8th.

Issued

Rect. 21st May 77

G. O., 8th May 1877, No. 17 I.

MAY.

Nos. 33-34.

Utukuru Tank, Cuddapah District.—The estimate of Rupees 2,090 for repairing bund and surplus weir of the — sanctioned.

No 2559.
Comm^r to the
Board of Revenue
22nd May 77.

7-22 May 77