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(2) Date of repair 18-10-68
(3) Initials of the Referencer _____

MADRAS RECORD OFFICE

GOVERNMENT OF MADRAS

Revenue DEPARTMENT

G.O. No. 2677
B.P. No. _____

Press
Mis.

Dated 22.12.1825 1968

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*Proceedings of the Madras Government, Public Works Department,
10th December 1875.*

No. 162. Read the following letter from Lieutenant-Colonel J. F. FISCHER, R.E., District Engineer of Madura, to Lieutenant-Colonel J. MULLINS, R.E., Chief Engineer for Irrigation, dated Madura, 24th November 1875, No. 3,428:—

UNDER paragraph 9, Clause II., Chapter IV., of the Public Works Code, I have the honor to forward, for your sanction, the accompanying estimate of Rupees 630 for repairing Valayengolum Tank in Thiroomungalum Taluq:—

Ayacut	...	...	...	...	...	Acres	38
Revenue	...	...	...	...	...	Rs.	320
Five years' average...	...	...	...	...	...	Acres	80
Revenue	...	...	...	...	...	Rs.	320
Highest of five years	...	...	...	...	...	Acres	86
Revenue	...	...	...	...	...	Rs.	359

2. The tank has had no repairs for the last thirteen years, and in the accompanying estimate provision has been made for putting the bund in a thorough state of repair; the bund is to be raised $4\frac{1}{2}$ feet above full tank level. The ayacut extent of land will then be fully brought under irrigation.

3. The drainage area is about $\frac{1}{4}$ square mile, and the maximum quantity of flood discharged per second is 263 cubic feet. The tank is also dependent partly on the supply of a branch channel taken from Arasaputty main channel, which is led off an anicut built across the Goundenuddy River; the area of the vent allowed in the dividing dam at the head of the branch channel is $12 \times 3 = 36$ square feet, and as the channel below falls at the rate of about 3 feet per mile the quantity of water received into the tank per second is 114.48 cubic feet during floods, and the water in the channel runs for about three months in the year.

4. The present masonry surplus escape, which is 48 feet long, is sufficient to discharge the maximum quantity of water from both sources, viz., 377.48 cubic feet; now the maximum water level is $1\frac{3}{4}$ feet above the crest of the calingulah or the full tank level, and the bund is to be raised $2\frac{3}{4}$ feet above M.W.L.

No. 163. ORDER THEREON, 10th December 1875, No. 3,493.

IRRIGATION, No. 8-A.
Account.

The following estimate is sanctioned under Revenue:—

Madura District.

Repairing the Valayengolum Tank... .. Rs. 630.
(True Extract.)


Major-General, R.E.,
Secretary Government.

To the District Engineer, Madura.
" Revenue Department.
" Chief Engineer for Irrigation.
" Collector of Madura.

Exd. S. T. Austin.

// Spare Copies

Revenue Department
No 4868

Govt of [1875] Madras

PUBLIC WORKS.

To

THE DISTRICT ENGINEER,
MADURAI

&c, &c,

Dated December 10th.

Issued

Recd. - a-22³

Encl.

G. O., 10th December 1875, No. 3,493.

De. M. S.

DECEMBER.

Nos. 162-163

Valayengolam Tank, Madurai District
Estimate of Rupees 630 for repairing
sanctioned.

No 2677

Comm^d to the
Board of Revenue

22³ Dec 1875

9 to the Board of Revenue