

(1) Number of pages 4

(2) Date of repair 8.1.1970

(3) Initials of the Referencer _____

MADRAS RECORD OFFICE

GOVERNMENT OF MADRAS

Revenue

DEPARTMENT

G.O. No.	1907	Press
B.P. No.	1937	Mis.
Dated	16. 8. 1876	196

Not to be folded or roughly handled

Read the following :—

No. 112 W.

No. 508.

Note by the Chief Engineer for Irrigation.

THE District Engineer, Madura, forwards, with his letter marginally noted, an estimate in connection with the Nullada-cherry Tank of Andiputty situated in the Periacolum Taluq, Dindigul Range.

2. The nature of the work proposed for execution and the heads of account to which it is chargeable are as follow :—

ORDINARY AGRICULTURAL.

Original Works.

Constructing a weir ...	...	...	...	...	...	...	...	Rs. 515
Do. a revetment ...	...	...	...	...	...	...	...	860

Repairs.

Raising and repairing the bund and also repairing the sluice and calingulah ...	...	...	...	...	...	...	...	1,125
Total ...	...	...	...	...	...	...	...	2,500

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

Ayacut area ...	...	...	...	...	...	...	...	Acres 173
Assessment ...	...	...	...	...	...	...	...	Rupees 416
Average revenue...	...	...	...	...	...	...	...	300
Highest ...	...	...	...	...	...	...	...	339
Expenditure during the previous four years ...	...	...	...	...	...	...	...	Nil

The area of the catchment basin is 10 square miles; the maximum flood supply is calculated at 2,088 cubic feet per second, for discharging which as surplus there is one calingulah 24 feet in length. The dam stones are to be removed, and the body wall raised 2½ feet or to F.T.L. A weir 133 feet is proposed to be constructed, which will make a total length of 157 feet for the surplus discharge; the estimate also provides for raising and repairing the bund and repairing the sluice and calingulah and planting the inner slope of the bund with nannul grass.

4. The crest of the bund is at present irregular in level and in parts very low. It is proposed to give it a uniform height of 2 feet above M.W.L. and 4½ feet above the crests of the calingulah and surplus weir or above F.T.L. level.

The District Engineer remarks that the repairs and improvements if carried out will enable the whole ayacut area to be cultivated. It is also said that the tank has not been repaired for twenty years.

The design of the weir is not suited to the circumstances, and the alterations indicated by dotted lines on the section show what should be made. First, the area of the catchment basin was reported to be 1 square mile and it was pointed out that this was too small for the acreage. Now this area is reported to be 10 square miles, and if so, the provision for discharge of surplus will be too large, but it is noticeable that the full ayacut, be very small.

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*Proceedings of the Madras Government, Public Works Department,
23th July 1876. No. 1,932.*

5. The rates for labor are stated to be somewhat high in consequence of the proximity of coffee and cardamom plantations. The longitudinal section does not show the F.T.L. and M.W.L. which are clearly essential. On the cross section H.W.M. is marked, but it would seem to be F.T.L., and is not a proper abbreviation. The estimate is recommended for sanction.

OOTACAMUND,
25th July 1876.

(Signed) A. DE C. SCOTT, Major, R.E.,
Dy. Chief Engineer for Irrigation,
for Chief Engineer for Irrigation.

To the Secretary to Government, Public Works Department.

No. 509.

ORDER THEREON, 28th July 1876, No. 1,932.

IRRIGATION, No. 57.
Account.

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

NULLADACHERY TANK OF ANDIPUTTY.

IRRIGATION.
Ordinary Agricultural.
Original Works.

	RS.
1. Constructing a weir	515
2. „ a revetment	860
<i>Repairs.</i>	
3. Raising and repairing the bund and repairing the sluice and calingulah	1,125
Total ...	2,500

2. This sanction has been registered as No. 74 I. of 1876-77.

(True Extract.)

[Signature]
Colonel,
Offg. Under Secy. to Govt., P.W.D.

To the District Engineer, Madura.
„ Collector of Madura.
„ Chief Engineer for Irrigation.
„ Examiner of Public Works Account.
„ Revenue Department.

Exd. J. W. Fischer.

Spare Copies

No. 3310
Revenue 1876 Department
Govt. of Madras.
PUBLIC WORKS.

To
THE DISTRICT ENGINEER,
MADURA,
&c., &c., &c.

Dated July 28th.

Issued

Recd. *July 13* Encl.

G. O., 28th July 1876, No. 1,932.

JULY.
Nos. 508-509.

Des. No. 1

Nulladacherry Tank, Madura District—
Estimate for certain repairs to the — sanc-
tioned.

No 1927

Communicated to the District Engineer

No. 3310 Revenue 1876 Department

New No. Sectt. I (i)-1—Old No. M.R.O. 1—10,006—10-6-83.

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