New No. Secrt. I (i)-1—Old No. M.R.O. 1—10,006—10-6-68.

(1) Number of pages 4

(2) Date of repair 9.3.70

(3) Initials of the Referencer

MADRAS RECORD OFFICE

GOVERNMENT OF MADRAS

Rev. DEPARTMENT

G.O. No.	2269.	Press
B.P. No.		Mis.
Dated 29.9.1876		196 .

Not to be folded or roughly handled

2269

Proceedings of the Madras Government, Public Works Department,
6th September 1876. *No.* 2,368.

Read the following :—

No. 170-W.

No. 53. *Note by the Chief Engineer for Irrigation.*

The District Engineer, South Arcot, forwards, with his letter marginally noted, an estimate in connection with the Pillapoliem Amirthanary tank situated in the Cuddalore taluq, Cuddalore range.

No. 54, dated 21st June 1876.

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.

	Rs.
Constructing a masonry weir	117
Repairs.	
Repairing the bund	380
Reconstructing an Irrigation sluice	230
Total ...	727

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

Ayacut area	Acres 109
Assessment	Rupees 489
Average revenue	„ 331
Highest do.	Not stated.
Expenditure during the previous four years	Rupees 63

The area of the catchment basin is ·5 square mile ; the maximum flood supply is calculated at 283 cubic feet per second, for discharging which as surplus there is no outlet, and the water usually escapes through a surplus channel at the west end of the bund. It is proposed to construct a masonry weir 46 feet in length at the west end of the tank. The estimate also provides for rebuilding an irrigation sluice and repairing the bund. The area of the catchment basin appears to have been underestimated, as the actual cultivation being about 74 acres, the proportion would be 148 acres to the square mile of drainage, and this is much in excess of the usual experience. It would seem therefore that the basin must approximate to $1\frac{1}{2}$ square miles, the maximum flood discharge from which may be taken as 655 cubic feet a second, and this could be disposed of with $2\frac{1}{2}$ feet of water passing over a weir 51 feet long which would be admissible with the bund $4\frac{1}{2}$ feet above F.T.L. The additional cost will be 8 Rupees, which will make the estimate for the weir 125 Rupees. The walls of the rear cistern of the sluice should be reduced in height by $1\frac{3}{4}$ feet all round. The estimate is recommended for sanction.

OOTACAMUND
31*st August* 1876.

(Signed) A. DEC. SCOTT, Major, R.E.,
Dy. Chief Engineer for Irrigation,
for *Chief Engineer for Irrigation.*

D.P. NO. MIS.

Proceedings of the Madras Government, Public Works Department,
6th September 1876. *No.* 2,368.

No. 54. ORDER THEREON, 6th S[illegible]ber 1876, No. 2,368.

IRRIGATION, No. 7.

Account.

THE following estimate from the Cuddalore Range, forwarded by the District Engineer, South Arcot, is sanctioned :—

PILLAPOLIEM AMISTHANARY TANK.

Irrigation.

Group or Project.	Fund.	Class.	Name of Tank, Canal or Channel.	Particulars of Work.	Amount.
					Rs.
Nil.	Ordinary Agricultural.	Original Works.	Pillapoliem Amirthanary Tank.	1. Constructing a masonry weir	125
		Repairs.		2. Repairing the bund ...	380
				3. Reconstructing an Irrigation sluice	230
				To be carried out by the Public Works Department Officer in charge Cuddalore Range.	

2. This sanction has been registered as No. 137-I. of 1876-77.

(True Extract.)

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

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

Exd. E. C. Shunker.
Spare Copies

Revenue 1876 Sept

No-4024.

Govt. of {1876} Madras.

PUBLIC WORKS.

To

THE DISTRICT ENGINEER,
SOUTH ARCOT.
&c., &c., &c.

Dated September 6th.

Issued.

Recd 24 do Encl.

G. O., 6th September 1876, No. 2,368.

SEPTEMBER.

Nos. 53-54.

Pillapoilum Amirthanary Tank, South Arcot District.—Estimate for certain works to the —, sanctioned.

No 2369
Communicated to the Board of Revenue.
by September 1876

11 Estl. Proceedings Nos. 4-6 Oct. 1876

DEPARTMENT

G.O. No.
B.P. No.

Press
Mis.