

(1) Number of pages _____

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MADRAS RECORD OFFICE

Government of Madras

Public Works DEPARTMENT

G.O. No. *2368*
B.P. No. _____

Press *Original*
Mis. _____

Dated

6-9-

1876
-195-

Not to be folded or roughly handled

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 Pillai-poliam Amirthanary tank situated in the Cuddalore taluq, Cuddalore 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.

	Rs.
Constructing a masonry weir... ..	117
<i>Repairs.</i>	
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 1½ square miles, the maximum flood discharge from which may be taken as 655 cubic feet a second, and this could be disposed of with 2½ feet of water passing over a weir 51 feet long which would be admissible with the bund 4½ 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 1½ feet all round. The estimate is recommended for sanction.

OOTACAMUND,
31st August 1876.

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

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

No. 54.

ORDER THEREON, 6th September 1876, No. 2,368.

IRRIGATION, No. 7.

Account.

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

PILLAPOLIEM AMIRTHANARY TANK.

Irrigation.

PILLAPOLIEM AMIRTHANARY TANK.					
Irrigation.					
Group or Project.	Fund.	Class.	Name of Tank, Canal or Channel.	Particulars of Work.	Amount.
NIL	Ordinary Agricultural.	Original Works.	Pillapoliem Amirthanary Tank.	1. Constructing a masonry weir	RS. 125
		Repairs.		2. Repairing the bund ...	380
				3. Reconstructing an Irrigation sluice	230

2. This sanction has been

To be carried out by the Public Works Department Officer in charge Cuddalore Range.

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.)

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

E. I. Form No. 9.

OFFICE OF THE CHIEF ENGINEER

FOR IRRIGATION,

Madras 31st August 1876.

No. 170-W.

Note by Chief Engineer for Irrigation.

Encls. 5
No. 54
Dated 2/9
June 1876

THE District Engineer, South Arcot

forwards, with his letter marginally noted, an Estimate in connection
with the Pillapoliem Amirthanary Tank situated in the
Cuddalore Taluk, Cuddalore 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 masonry weir	117
Repairs	
Repairing the bund	380
Reconstructing an Irrigation sluice	230
Total	727

Rupus

3. The following particulars of this Tank are recorded—

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

The area of the catchment basin is 1.5 square miles; 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 re-

building 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 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 1/2 feet of water passing over a weir 51 feet long which would be

admissible with the bund 4 1/2 feet above F.T.L. The additional cost will be 8 Rupees which will make the estimate 6 for the weir 125 Rupees. The walls of the rear cistern of the sluice should be reduced in height by 1 3/4 feet all round. The estimate is recommended for sanction.

Ans. Secy.

Major Rb.

Sy. Chief Engineer for Irrig.
for Chief Engineer for Irrig.

To
The Secretary to Govt P.W.D.

1876 P.W.D.
83EP76
From
The Chief Engineer for Irrig.
To the Secretary & Gov.
P. W. D.

Dated 31st Aug. 1876.
Despt. 31st Aug. 1876.

Suchs. 5

N. 170. W.

Pillapothum Amirthanary Tank -
South Arcot District - Note for-
warding for sanction estimate
for certain works to the - to
be carried out at a cost of
Rs. 735.

N. 53

E. I. Form No. 4.

N^o 2368 P.W.D.
Proceeding of the Madras Govt
Under date the 6th Sept^r 1876
Read the following
From the Chief Engineer (H.E. of 31 Aug 76)

The following Estimate from the Madras Range forwarded
by the District Engineer, South Arcot, is sanctioned :-

Pillapothum

Amirthanary Tank.

Irrigation

Group or Project	Fund	Class	Name of Tank, Canal or channel	Particulars of Work	Amount Rs.
Ordinary Agricultural		Original works.	Pillapothum Amirthanary Tank	Constructing a masonry weir	125
		Repairs		Repairing the bund	380
				Reconstructing an irrigation sluice	230

To be carried out by the P.W.D. Officer in charge Cuddalore Range.

This sanction has been registered as No. 137. I. of 1876-77.
S. S. A. A. A.
Collector - do
C. E. for S. with 5 enclos
Ex. P. W. D.
Receipts
Dated 25/9/76

LIC WORKS.

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Sept-1876, No. 2268

53-54-

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mb. South Crest Dr

Estimate for certain
 who to the _____
 notice of -

Est. of
 27-9-96.