

(1) Number of pages _____

(2) Date of repair _____

(3) Initials of the Referencer _____

MADRAS RECORD OFFICE.

Government of Madras.

Police DEPARTMENT.

G.O. No. <i>374</i>	Press Mis.
Dated <i>5-2</i>	18 <i>77</i>

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
5th February 1877. No. 394.*

Read the following:—

No. 87 W.

No. 155. *Note by the Chief Engineer for Irrigation.*

The District Engineer, North Arcot, forwards, with his letter marginally noted, an estimate in connection with the Ammanasecoppam Tank, situated in the Goodiatum Taluq, No. II or Chittoor 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 escape	...	...	...	...	...	Rs.
						265

Repairs.

Repairing the bund...	...	...	...	...	...	Rs.
						865

Total	...	1,130
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3. The following particulars of this tank are recorded:—

Ayacut area	...	...	...	...	...	Acres	64
Assessment	...	...	...	...	...	Rupees	486
Average revenue...	...	...	...	...	...	Rupees	473
Highest do.	...	...	...	...	...	Not stated.	
Expenditure during the previous four years	...	...	...	...	...	Nil.	

The area of the catchment basin is 1 square mile, the maximum flood supply is calculated at 675 cubic feet per second, for discharging which as surplus there is a cody or cut at the end of the bund 34 feet in length, which is in an ineffective condition. It is proposed to construct a masonry escape 109 feet in length. The estimate also provides for raising and strengthening the bund, which is rather low at both ends.

The surplus of this tank crosses the line of railway at 96 miles 16 chains.

4. When escapes whose crests are at the level of the ground are provided it is desirable that a section of the line of outfall should be given, extending for at least a couple of 100 feet from the tail of the apron. The stability of these works, which are usually provided with slight aprons, turns almost entirely on the degree of slope of the ground outside and its character.

The provision for the discharge of surplus would be decidedly excessive supposing the area of the catchment basin to be correct; but it is probable that it has been under-estimated, seeing that it is unusual for 69 acres to be irrigated in country like the Goodiatum Taluq from the drainage of 1 square mile. With the long escape a margin of 2 feet above M. W. L. will be ample, and the bund may be brought therefore to a uniform level of 3½ instead of 4½ feet above F.T.L., which will effect a considerable reduction in the earthworks.

The estimate, subject to the above modification, is recommended for sanction.

Fort St. George,
30th January 1877.

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

To the Secretary to Government, Public Works Department.

Proceedings of the Madras Government, Public Works Department,
5th February 1877. No. 394.

No. 156. ORDER THEREON, 5th February 1877, No. 394.

IRRIGATION, No. 15.

Account.

The following estimate from the
No. 2 or Northern Range, forwarded
by the District Engineer, North Arcot,
is sanctioned:—

AMMANANCOOPAM TANK.

Irrigation.

Group or Project.	Fund.	Class.	Name of Tank, Canal or Channel.	Particulars of Work.	Amount.
	Ordinary Agri- cultural, Irri- gation.	Original Works Repairs	Ammanancooppam Tank.	1. Constructing a ma- sonry escape. 2. Repairing the bund.	Rs. 265 865
				Total	1,130

To be carried out by the Public Works Department Officer in charge No. 2 or Northern Range.

2. This sanction has been registered as No. 298-I. of 1876-77.

(True Extract.)

Lieut.-Colonel, R.E.,
Secretary to Government.

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

Ed. E. C. Shunker.
Spurn Copies

E. I. Form No. 1-A

No 394 Mr D. A. 1877
Proceedings of the Madras Govt.
Under date the 5th Feb
Read the following

From the Chief Engineer for No 2 or Northern Range
Irrigation

The following Estimate from the
No. 2 or Northern Range forwarded by the
District Engineer, North Arcot
is sanctioned:—

Ammanancooppam Tank.

Irrigation.

Group or Project.	Fund.	Class.	Name of Tank, Canal, or Channel.	Particulars of Work.	Amount. Rs.
	Ordinary Agricultural Irrigation	Original Works	Ammanancooppam Tank	1 Constructing ing a masonry escape	265
		Repairs		2 Repairing the bund	865

To be carried out by the P. W. Depart-
ment Officer in charge No. 2 or Northern Range.

Total Rupees 1130

2. This sanction has been registered
as No. 298. I. of 1876-77

At North Arcot
Collector
At for Irig with Enclosure
in D. A.
Revenue Dept
Dated 2-2-77

Am. S.
by 9/2

1110

1877
PUBLIC WORKS.

Mr. D. E. South Street

Dated

Received

For

By

1877, No. 394

Nos. 155-56

Ammananloopfann
Lark, A. Arcot St

The estimate amounting
to Rs 1130 for constructing a
masonry sea wall and repairing
the land of the —, Cantonment

For masonry