

(1) Number of pages 4
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TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

Revenue DEPARTMENT

G.O. No.	774	Press.
B.P. No.		Mis.
Dated	10.2.1977	197 .

Not to be folded or roughly handled

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 Ammanancooppam Tank, situated in the Goodiattum 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...	865
Total	1,130

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

Ayacut area	Acres 64
Assessment	Rupees 436
Average revenue	Rupees 473
Highest do.	Not stated.
Expenditure during the last 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 100 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 flight 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 Goodiattum 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 Govt.
5th Feb 1877

Public Works Dept.
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 :—

AMMANANCOOPPAM 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 band.	Rs. 265 865
				Total ..	1,130

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

2. This sanction has been registered as No. 293-I. of 1876-77.

(True Extract.)

W. H. L. S.
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.

Exd. E. C. Shunker.

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774

Rev. H. J. Dept.
Cdt. of 1187

PUBLIC WORKS.

No. 1181

To

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

Dated February 5th.

Issued

Recd. 7th Feb.

Encl.

G. O., 5th February 1877, No. 304.

FEBRUARY.

Nos. 155-156.

No. 774
Communicated to
the Board of Revenue

10 Feb 77.

Ammanabeswaram Tank, North Arcot
District.—The estimation amounting to
Rs. 1,120, for constructing a masonry
escape to, and repairing the bund of, the —
mentioned.

M. D. Mas

By M. D. Mas 9/2/77