

(1) Number of pages 4
 (2) Date of repair 3-3-70
 (3) Initials of the Referencer _____

MADRAS RECORD OFFICE

GOVERNMENT OF MADRAS

Revenue

DEPARTMENT

G.O. No.	2545	Press
B.P. No.		Mis.
Dated	1-11-1876	196

Not to be folded or roughly handled

Read the following:—

No. 215-W.

No. 271. *Note by the Chief Engineer for Irrigation.*

THE District Engineer, South Arcot, forwards, with his letter marginally no. 91, dated 16th August 1876. estimate in connection with the Iyvathagoody tank situated in the Virdachellum taluq, Virdachellum 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.

<i>Original Works.</i>				RS.
Constructing a simple escape of masonry	...	...	...	117
<i>Repairs.</i>				
Repairing the bund and two irrigation sluices	...	...	...	1,147
Total				1,264

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

Ayacut area	...	...	...	...	Acres	40
Assessment	...	...	...	...	Rupees	356
Average revenue	...	...	...	...	"	356
Highest do.	...	...	...	...		Not stated.
Expenditure during the previous four years	...	...	...	...		Nil.

The area of the catchment basin is 1.5 square miles; the maximum flood supply is calculated at 589 cubic feet per second, for discharging which as surplus there is a calingulah 62 feet in length, three-fourths of which has been washed away; it is therefore proposed to construct a new simple escape of masonry on the south of the site of the calingulah destroyed where the ground is firm and level. The bund at the centre is very low and in very bad condition and overgrown with prickly-pear, the head and cistern of one and the cistern of another sluice are quite out of order. The estimate provides for raising and repairing the bund and repairing the two irrigation sluices.

4. No cross sections of the bund accompany the estimate, but the quantity of earthwork required to reform it is considerable, and the estimate could hardly be correctly framed without such aid. The estimate provides for making the top of the bund 3 feet above maximum water-level, but 2 feet or at most $2\frac{1}{2}$ feet will suffice, and this will effect a considerable reduction in the earthworks. On the other hand, it will be desirable to make the rough stone apron of the escape 2 yards wide and $\frac{1}{2}$ a yard deep, which will add a few rupees to the cost of this work. It is stated that the bund has not been repaired for twenty years, and therefore the outlay amounting to about three and a half years' average revenue is not unreasonable, especially as a better built escape is provided for.

The estimate is recommended for sanction.

OOTACAMUND,
11th October 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.

GOVERNMENT OF MADRAS

MADRAS RECORD OFFICE

*Proceedings of the Madras Government, Public Works Department,
17th October 1876. No. 2,789.*

No. 272.

ORDER THEREON, 17th October 1876, No. 2,789.

IRRIGATION, No. 33-B.

Account.

The following estimate from the Virdachellum range, forwarded by the District Engineer, South Arcot, is sanctioned:—

IYVATHAGOODY TANK.

Irrigation.

Group or Project.	Fund.	Class.	Name of Tank, Canal, or Channel.	Particulars of Work.	Amount.
Nil.	Ordinary Agricultural.	Original Works. Repairs.	Iyvathagoody Tank.	1. Constructing a simple escape of masonry. 2. Repairing the bund and two irrigation sluices	Rs. 117 1,147

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

2. This sanction has been registered as No. 168 I. of 1876-77.

(True Extract.)

Amrath Major-General, R.E.,
Secretary to Government.

To the District Engineer, South Arcot.

- „ Collector of do.
- „ Chief Engineer for Irrigation.
- „ Examiner of Public Works Accounts.
- „ Revenue Department.

Exd. E. C. Shunker.

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Govt. of 1876. Madras

PUBLIC WORKS.

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

Dated October 17th.

Issue

Recd. Nov 1.

Encl.

G. O., 17th October 1876, No. 2,789.

OCTOBER.

Nos. 271-272.

Iyathagoody Tank, South Arcot District.
—The estimate for certain works to the
sanctioned.

2545
Comm. to the
Board of Revenue
1. 11. 76

To 8 Bund of River 24-1-77