

(1) Number of page 1

(2) Date of repair

(3) Initials of the Referencer

MADRAS RECORD OFFICE.

Government of Madras.

Public Works

DEPARTMENT.

G.O. No.

33 (2)

Press
Mis

Dated

3/1

1877.

Not to be folded or roughly handled

1. *Adiantum* sp.

Read the following :—

No. 5 W.

No. 62. *Note by the Chief Engineer for Irrigation*

THE District Engineer, Cuddapah, forwards, with his letter marginally noted No. 1,637, dated 27th October 1876. an estimate in connection with the Konamoostoor large tank situated in the Voilaud Taluq, Madnapully Range.

2. The nature of the work proposed for execution and the heads of account to which it is chargeable are as follow :—

ORDINARY AGRICULTURE

Original Works

Constructing a masonry weir	...	...	...	...	...	...	312
<i>Repairs.</i>							
Reconstructing an irrigation sluice	...	...	...	...	...	...	182
Raising and repairing the bund	...	...	...	...	...	...	303
						Total	800

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

Ayacut area		Acres	60 { Circar 46 Inam 14 }	Acres.
Assessment		Rupees	422 { Circar 400 Inam 22 }	Rupee
Average revenue		"	98 { Circar 91 Inam 6-9-7 }	"
Highest do.		"	228 { Circar 220 Inam 8 }	"

Expenditure during the previous four years' ... Not stated.

The area of the catchment basin is 2.5 square miles ; the maximum flood supply is calculated at 796 cubic feet per second, for discharging which as surplus there is natural V-shaped escape situated at the east end of the tank bund, its mean length is 5 feet ; this is insufficient to discharge the surplus, and it is proposed to construct masonry weir 75 feet in length at the site at which temporary openings are made by the ryots. The aggregate length of 80 feet will suffice. The bund is reported to be low and weak at the eastern end, and it will be raised and strengthened.

The revetment from the east end of the bund to the site of the sluice, a distance of 920 feet and 4.5 feet deep, is also out of order; it is necessary to relay the stone

This tank has but one irrigation sluice which is 6 feet lower than the bed level and is out of order. It is necessary to rebuild it.

The estimate provides for constructing a masonry weir, raising and repairing the bund, and reconstructing the irrigation sluice.

4. The average revenue of this tank is less than one-fourth the ayacut assessment. The causes of its failure as an irrigation work should have been clearly explained, and the proposed expenditure of an amount representing eight years' revenue should have been justified by distinct notice of the effect arrived at by the improvements proposed.

draft-10-1-71

Proceedings of the Madras Government, Public Works Department,
5th January 1877. No. 33.

The catchment basin is apparently sufficiently large to produce an adequate supply, and the storage capacity of the tank is ample, probably the cutting of the bund to allow flood water to escape results in waste subsequently, and it is incidentally mentioned that the irrigation sluice is too low to irrigate the whole ayacut. The provision of an adequate escape and the reconstruction of the sluice will therefore in all probability result in improvement of the revenue.

The estimate is therefore recommended for sanction.

2nd January 1877.

(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.

No. 63.

ORDER THEREOF, 5th January 1877, No. 33.

IRRIGATION, No. 8.
Account.

The following estimate from the Madnapully Range, forwarded by the District Engineer, Cuddapah, is sanctioned:—

KONAMOOSTOOR LARGE TANK.

IRRIGATION.

Group or Project.	Fund.	Class.	Name of Tank, Canal, or Channel.	Particulars of Work.	Amount.
..	Ordinary Agricultural	Original Works	Konamoostoor large tank..	Weir ..	Rs. 312
		Repairs ..		Reconstructing an irrigation sluice ..	185
				Repairing the bund	303

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

2. This sanction has been registered as No. 249—I. of 1876-77.

(True Extract.)

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

E. I. Form No. 4.

No 33 95 Jan 77

For Mr. Major Scott (H.E. No 5 to 72 Jan 77)

The following Estimate from the Madnapully Range forwarded by the District Engineer, Cuddapah is sanctioned:—

Konamoostoor large Tank.

Irrigation.

Group or Project.	Fund.	Class.	Name of Tank, Canal, or Channel.	Particulars of Work.	Amount. Rs.
	Ordinary Agricultural	Original Works	Konamoostoor large Tank.	Weir ..	312
		Repairs ..		Reconstructing an irrigation sluice ..	185
				Repairing the bund	303

To be carried out by the P. W. Department Officer in charge, Madnapully Range.

D. S. Cuddapah
Collector - do
C. E. P. with 5 En
En. P. L. K. 2
Rev. Sept 2
Chief
Draft - 16-1-77
This sanction has been registered as No. 249. I. of 1876-77.
13# 1072 57#
Amr Aug 1

Govt. of 1877 Madras.
PUBLIC WORKS.

To

Mr. H. B. ...

Dated

Issued

Recd.

Encl.

G. O., 5th Jan. 1877, No.

33

Nos. 62 & 53. —

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