

(1) Number of pages 4

(2) Date of repair _____

(3) Initials of the Referencer _____

MADRAS RECORD OFFICE.

Government of Madras.

Public Works

DEPARTMENT.

G.O. No.

4 (9)

Press
Mis-

Dated

2 / 1

1877.

Not to be folded or roughly handled

Read the following:—

No. 321 W.

No. 7. * *Note by the Chief Engineer for Irrigation.*

The District Engineer, Cuddapah, forwards, with his letter marginally noted, an estimate in connection with the Cunnimadagoo large tank, situated in the Madanapully taluq, Madanapully 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 two masonry weirs...	1,235
<i>Repairs.</i>	
Raising and repairing the bund...	255
Reconstructing an Irrigation sluice	290
Total	1,780

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

Ayacut area...	Acres 90	{	Circar 55 0 0
			Inam 35 0 0
Assessment ...	Rupees 225	{	Circar 129 0 0
			Inam 96 0 0
Average revenue ...	" 174	{	Circar 99 6 4
			Inam 74 6 4
Highest do. ...	" 197	{	Circar 109 0 0
			Inam 83 0 0
Expenditure during the previous four years	...		Nil.

The area of the catchment basin is 18 square miles; the maximum flood supply is calculated at 3,059 cubic feet per second, for discharging which as surplus there are two flush escapes at the ends of the bund 133 feet in length, and as these are considered inadequate to discharge the surplus it is proposed to construct two masonry weirs in lieu of the escapes, one at the east end 107 feet, and the other at the west end of the bund 203 feet in length, so as to make an aggregate length of 310 feet available for the discharge of the surplus water. Aprons are not considered necessary, as the soil is hard, gravel and rocky.

The bund of this tank is low, weak and uneven. It is proposed to strengthen and raise it to a uniform level.

The tank has two Irrigation sluices, one is reported to be in good order, but the other is stated to be utterly useless and it is proposed to reconstruct it.

The estimate provides for raising and repairing the bund, reconstructing an Irrigation sluice, and constructing two masonry weirs.

This tank receives the surplus waters of several other tanks.

The estimate cannot be recommended for sanction in its present form. It involves an expenditure of about ten years average revenue from the ayacut. There is considerable drainage into the tank which is relatively of small capacity, and consequently the silting up of the bed must be going on at an unusually rapid pace.

Proceedings of the Madras Government, Public Works Department,
2nd January 1877. No. 4.

Provision for the escape of surplus must be more economically made than in the manner proposed; the existing natural escapes should be extended about 180 feet. Three Rupees a foot should suffice for this, and at any rate that is the limit of outlay which the revenue of the tank will justify. A sum of Rupees 540 may accordingly be allowed. With these alterations the estimate may be sanctioned subject to the condition that the work authorized will render the tank fairly safe.

FORT ST. GEORGE,
30th December 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.

No. 8. ORDER THEREON, 2nd January 1877, No. 4.

IRRIGATION, No. 4.

Account.

THE following estimate from the Madanapully Range, forwarded by the District Engineer, Cuddapah, is sanctioned:—

CUNNIMADAGOO LARGE TANK.

Irrigation.

Group or Project.	Fund.	Class.	Name of Tank, Canal or Channel.	Particulars of Work.	Amount.
..	Ordinary Agricultural.	{ Original Works .. Repairs .. }	Cunnimadagoo Large Tank.	{ 1. Lengthening two escapes 2. Repairing bund.. 3. Reconstructing sluice Total .. }	Rs. 540 255 290 1,085

To be carried out by the Public Works Department officer in charge Madanapully Range.

2. This sanction has been registered as No. 245 I. of 1876-77.

(True Extract.)

(Signed) G. W. WALKER, Major-General, R.E.,
Secretary to Government.

To the District Engineer, Cuddapah.

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

Exd. E. C. Shunker.

Spare Copies

R. I. Form No. 4-A.

No. 4 of 2nd Jan'y 1877. *Mr. Dept.*
Prop: of the Madras Govt.
Read the following
from the Chief Eng. { H.E. No 321 W. 30th Dec 76.
for Irrigation }

THE following Estimate from the

Madanapully Range forwarded by the
District Engineer, Cuddapah

is sanctioned:—

Cunnimadagoo Large Tank.

Irrigation.

Group or Project.	Fund.	Class.	Name of Tank, Canal, or Channel.	Particulars of Work.	Amount. Rs.
<i>Ordinary Agricultural</i> <i>works</i> <i>Repairs</i>	Ordinary Agricultural	Original works.	<i>Cunnimadagoo</i> <i>Large Tank</i>	<i>1 Lengthening</i> <i>two escapes</i>	540
		Repairs		<i>2 Repairing</i> <i>bund</i>	255
				<i>3 Reconstructing</i> <i>sluice</i>	290

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

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

Total Rupees 1085

C. E. for I. with 9 Encls
En. P. W. D.
Recd. 9.1.77

2. This sanction has been registered
as No. 245 I. of 1876-77.

Ch 9529 ✓

Govt. of 1876 Madras.
PUBLIC WORKS.

To

Mr. N. G. Kantadapala

Dated

Issued

Recd.

Encl.

G. O., 2nd Sept 1876, No. 4

Nos. 7-8

Luminadigoo large
Tank, Loodapala &c.

Estimate for certain
works to the
sanctioned.

But no Reg.