

(1) Number of pages _____
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MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

G.O. No. 771	Press Mis.
Dated 6-12-18/7.	

Not to be folded or roughly handled

*Proceedings of the Madras Government Public Works Department,
6th March 1877. No. 771*

Read the following:—

No. 131—W.

No. 141. *Note by Chief Engineer for Irrigation.*

THE District Engineer, Cuddapah, forwards, with his letter marginally noted, an estimate in connection with the Malakanamah Peddacherroovoo Tank, situated in the Kadary 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.

IRRIGATION.

	Repairs.	Rs.
Repairing bund, revetment and apron, &c.	...	1,000
Total	...	1,000

3. The following particulars of this tank are recorded—

Ayaut area	...	...	...	...	{ Circar 131 } 162 Acres.
	...	...	...	...	{ Inam 31 }
Assessment	...	...	...	...	{ Circar 1,191 } 1,607 Rupees.
	...	...	...	...	{ Inam 416 }
Average revenue...	...	...	...	...	{ Circar 354 } 678 "
	...	...	...	...	{ Inam 324 }
Highest do.	...	...	...	...	{ Circar 525 } 874 "
	...	...	...	...	{ Inam 349 }

Expenditure during the previous four years, not stated.

The area of the catchment basin is 50 square miles, the maximum flood supply is calculated at 5,640 cubic feet per second, for discharging which as surplus there is a rough stone escape 266 feet in length at the south end of the bund, and a bye-wash at the northern extremity of the bund 500 feet in length the surface of the ground varying from 3 inches to 2 feet 4 inches above F.T.L., the sides of this natural escape are revetted and in good order.

The tank is situated in latitude 14° 20', longitude 78° 7'. It has three irrigation sluices all in good order. The bund is low in some places, and was breached in 1874 during the heavy rains which fell in the month of October. It is now proposed to raise the bund where low to a height of 30-50 feet above datum, or 2-75 feet above M.W.L., and to close the breach.

The wings of the escape being low and the crest of the body wall being lower at one end than F.T.L., it is proposed to raise the former to the level of the top of the bund and the latter to the uniform height of 24-50 feet above datum or up to F.T.L. The length provided (266 feet) will with the bye-wash be ample.

As at M.W.L. there would be an average depth of nearly 2½ feet flowing over 200 feet in length of the bye-wash, the nature of the ground at the place should have been stated; as no provision has been made against erosion and cutting back of the surface, it is supposed that it is of rock or very compact gravel. The expenditure

Proceedings of the Madras Government, Public Works Department,
6th March 1877. No. 771.

on the tank during the last four years should have been stated, and the District Engineer will report on the subject.

The estimate is recommended for sanction.

(Signed) G. T. WALCH,

Ag. Dy. Chief Engr. for Irrigation,
for Chief Engineer for Irrigation.

1st March 1877.

To the Secretary to Government, Public Works Department.

No. 142.

ORDER THEREON, 6th March 1877, No. 771.

IRRIGATION, No. 14.

Account.

The following estimate from the
Madanapully Range, forwarded by the
District Engineer, Cuddapah, is sanc-
tioned:—

MALAKANAMAH PEDDACHERROOVOO TANK.

Head of Service—Irrigation.

Group or Project.—Nil.

Fund.—Ordinary Agricultural Irrigation.

Class.—Repairs.

Name of Tank, Canal, or Channel.—Malakanamah Peddacherroovo Tank.

Particulars of work.—Repairing bund, apron and revetment, &c.

Amount.—Rupees 1,000.

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

2. This sanction has been registered as No. 341—I. of 1876-77.

(True Extract.)

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

E. I. Form No. 1-A.

Note by the Chief Engr. for
Irrigation

Under date the 1st March 1877
Read the following

(H.E. No. 131 W of 1st March 1877)

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

Malakanamah Peddacherroovo Tank.

Head of Service—Irrigation.

Group or Project.	Fund.	Class.	Name of Tank, Canal, or Channel.	Particulars of Work.	Amount. Rs.
— " —	Ordinary Agricultural Irrigation	Repairs	Malakanamah Peddacherroovo Tank	Repairing bund, apron & revetment &c.	1000

To be carried out by the P. W. Depart-
ment Officer in charge Madanapully Range.

Total Rupees 1000

2. This sanction has been registered
as No. 341. I. of 1876-77.

C. S. } Cuddapah
Collector }
Ch. Engr. S. Walch
to P. W. D.
Secy. Dept.

Ans 12-3-77

C. S.

W. S.

2030

GOVT. OF 1877
PUBLIC WORKS.

To the H. E. Cuddapah

Dated

Issued

Recd.

Encl.

G. O., 5th March 1877, No. 771

Nos. 141-142

Malakanamah. Padda
Cherruvu Tank, Cudda.

pat. Dr. The estimate
of Rs 1000 for certain
works to the — sancti

Hand in Reg.

2030