

(1) Number of pages _____

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MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

G.O. No. 355	Press
	Mis.
Dated 2-2-18	18

Not to be folded or roughly handled

Read the following:—

No. 88 W.

No. 81. *Note by the Chief Engineer for Irrigation.*

THE District Engineer, Karnool, forwards, with his letter marginally noted, an estimate in connection with the Kottapalli Tank, situated in the Nandikotkur Taluq, Karnool 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.

Original Works.

Extending the weir Rs. 1,150

Repairs.

Repairing the bund and sluices and clearing brushwood 1,225

Total Rs. 2,375

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

Ayacut area	(Circar 228.53) Total acres 411. (Inam 182.46)
Assessment	Rupees 2,065
Average revenue	" 1,837
Highest do.	" 2,061
Expenditure during the previous four years	" 292

The area of the catchment basin is seven square miles; the maximum flood supply is calculated at 1,830 cubic feet per second, for discharging which as surplus there is a weir 100 feet in length, which is insufficient. It is therefore proposed to extend the weir to a length of 183 feet, or 83 feet more than its existing length.

The bund of this tank is 13,600 feet in length, lying north and south, and is formed of red loam. In some places the bund is very low; it is therefore proposed to raise to a uniform height of four feet above weir crest level or F.T.L. The top width of the bund will be six feet, and the inner and outer slopes at a ratio of 1 to 1 and 2 to 1 respectively. The bund has no revetment, as the nature of the soil is good and does not need it.

The tank has three irrigation sluices; one of these is in good order, but the other two need repairs to their heads and cisterns.

This tank is situated about half a mile from the village, and in addition to the supply it receives from its catchment basin it receives the surplus of the Gavala-guntla tank.

The estimate provides for raising and repairing the bund, repairing two irrigation sluices, clearing brushwood, and for extending the masonry surplus weir.

The rate for earthwork is Annas 1-7 per cubic yard, viz., 1-4 for excavation and carriage, and Pies 3 for tamping. It seems to be high and endeavours should be made to reduce it.

The estimate is recommended for sanction.

FOR ST. GEORGE,
30th January 1877.

(Signed) A. DEO. SCOTT, Major, R. E.,
Dy. Chief Engr. for Irrigation,
for Chief Engr. for Irrigation.

To the Secretary to Government, Public Works Department.

*Proceedings of the Madras Government, Public Works Department,
2nd February 1877. No. 355.*

No. 82.

ORDER THEREON, 2nd February 1877, No. 355.

IRRIGATION, No. 8.
Account.

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

KOTTAPALLI TANK.

Irrigation.

Group or Project.	Fund.	Class.	Name of Tank, Canal or Channel.	Particulars of Work.	Amount.
..	Ordinary Agri- cultural, Irriga- tion.	Original Works. Repairs.	Kottapalli Tank.	1. Extending weir.	Rs. 1,150
				2. Repairing bund and sluices and clearing brushwood.	1,225
				Total.	2,375

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

2. This sanction has been registered as No. 291-1 of 1876-77.

(True Extract.)

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

To the District Engineer, Kurnool.
„ Collector of do.
„ Chief Engineer for Irrigation.
„ Examiner of Public Works Accounts.
„ Revenue Department.

Exd. E. C. Shunker.

Spare Copies

E. I. Form No. 9.

OFFICE OF THE CHIEF ENGINEER
FOR IRRIGATION,

Ind. G. 30 Jan 1877.
No. 88 M.

Note by Chief Engineer for Irrigation.

Enc. 8.

No. 4
Dated 25
Jan 1877

THE District Engineer, Kurnool
forwards, with his letter marginally noted, an Estimate in connection
with the Kottapalli Tank situated in the
Nandi Kotkur Taluq, Kurnool 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
Original Works.
Extending the weir Rs 1150
Repairs
Repairing the bund and sluices
and clearing brushwood 1225
Total Rs 2375*

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

Ayacut area. *Giear 228.53
Inam 102.46* } Total areas 411
Assessment. *Rupies 2065*
Average revenue. *1827*
Highest do. *2061*
Expenditure during the previous four years. *Rupies 292*

The area of the catchment basin is 7 square miles, the maximum flood supply is calculated at 1830 cubic feet per second for discharging which, as surplus there is, a weir 100 feet in length

which is insufficient it is therefore proposed to extend the weir to a length of 183 feet or 83 feet more than its existing length.

The head of this tank is 12,000 feet in length lying North and South and is formed of red loam. In some places the head is very low it is therefore proposed to raise to a uniform height of 4 feet above weir crest level or F.T.L. The top width of the head will be 6 feet and the inner and outer slopes at a ratio of 1.5 to 1 and 2 to 1 respectively. The head has no revetment as the nature of the soil is good and does not need it.

The tank has three irrigation sluices, one of these is in good order but the other two need repairs to their heads and cisterns.

This tank is situated about half a mile from the village and in addition to the supply it receives

from its catchment having it receives the surplus of the Guralaguntla Tank.

The estimate provides for raising and repairing the head, repairing two irrigation sluices, clearing brushwood and for extending the masonry surplus weir.

The rate for earthwork is Rs 1-7 per cubic yard viz 1-4 for excavation and carriage and 6 pice 3 for tamping. It seems to be high and endeavour should be made to reduce it.

The estimate is recommended for sanction.

Amplified

Major R. S.

Dy Chief Engineer for Irrigation
for Chief Engineer for Irrigation

The Secretary to Govt
Public Works Dept

8/11

11/11

1877. 31 JUN 77
 The Chief Insp for Irrig.

Dated 30.3 Aug. 1877
 Decd. 31.3 Aug. 1877

Kotapalli Tank, Kurnool District. - Not recommending for sanction estimate for Rs. 2375 for repairing the —

P. J. Form No. 1-A

No 355
 Proceedings of the Madras Govt
 2nd Sep 77
 Read the following
 from the Chief Insp for Irrig. 3 A.E. No 88 W 3/30 Jan 77

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

Kotapalli Tank.

Irrigation.

Group or Project	Fund.	Class.	Name of Tank, Canal, or Channel.	Particulars of Work.	Amount. Rs.
	Ordinary Agricultural Irrigation	original works	Kotapalli Tank	1. Extending wall	1150
		Repairs		2. Repairing bund & sluices & clearing foundation	1225

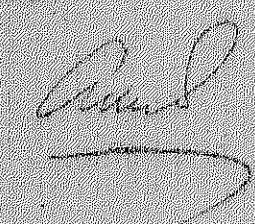
To be carried out by the P. W. Department Officer in charge Kurnool Range.

Total Rupees 2375

21. } Kurnool ✓
 Ch. Insp for Irrig. 8
 L. P. H. A. ✓
 Revenue Dept.

2. This sanction has been registered as No. 291. L. of 1876-77.

Dated 5-9-77




90988

OF 1877
PUBLIC WORKS.

The N. B. Kumbal

State
County
Road

2nd Street No. 355

Dec. 81-82

Kottapalli Tank, Kumbal
D^t — The estimates amount
ing to Rs. 2375 for extra
work to the —, sanctioned

Left in Dec. 82

En 31-1-77