

(1) Number of pages 6

(2) Date of repair _____

(3) Initials of the Referencer _____

MADRAS RECORD OFFICE.

Government of Madras.

Public Works

DEPARTMENT.

G.O. No.

34 (J)

Press
Mis.

Dated

5

1

1877.

Not to be folded or roughly handled

Read the following:—

No. 4 W.

No. 64. *Note by Chief Engineer for Irrigation.*

THE District Engineer, Kurnool, forwards, with his letter marginally noted, an estimate in connection with the Yeldurty Tank, situated in the Ravelkota 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:—

REVISED ESTIMATE.

ORDINARY AGRICULTURAL.

	Original Works.	Rs.
Extending and repairing surplus weir ...	...	3,978
Constructing an arched communication between top of bund and head of sluice...	...	156
<i>Repairs.</i>		
Reconstructing upper anicut, Thiminaskatva ...	...	730
Do. lower „ „ ...	...	1,116
Closing breach ...	...	2,370
Raising bund ...	...	1,700
Total ...		10,050

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

Ayacut area ...	Acres 234	{ Circar 116 } Acres. Inam 118
Assessment ...	Rupees 926	{ Circar 797 } Rupees. Inam 129
Average revenue ...	„ 1,076	
Highest do. ...	„ 1,440	
Expenditure during the previous four years	„ 410	

The area of the catchment basin is 70 square miles; the maximum flood supply is calculated at 8,500 cubic feet per second, for discharging which as surplus there is a masonry weir 315 feet in length which has been considerably damaged. It is therefore proposed to repair and extend the weir 170 feet, so as to make an aggregate length of 485 feet available for the surplus discharge.

The bund is low and weak, and the tank was breached in 1875-76. The two anicuts below the tank are also in a breached condition.

The estimate provides for extending and repairing the masonry weir, constructing an arched communication between the top of bund and head of sluice, reconstructing the two anicuts in the supply channel, closing the breach and raising and repairing the bund.

4. The amounts sanctioned for this tank provisionally in G.O., No. 1,743, dated 11th July 1876, and the excess in the present estimate for corresponding works, are as shown below:—

Proceedings of the Madras Government, Public Works Department,
5th January 1877. No. 34.

	Repairs.		Amount.	Excess.
			RS.	RS.
1.	Under tunnel above Thiminaskatva	...	290	440
2.	Do. below do.	...	460	656
3.	Closing breach	...	1,920	450
4.	Raising bund	...	1,640	60
<i>Original Works.</i>				
5.	Extending and improving surplus weir...	...	3,220	758
6.	Forming pathway to sluice	...	150	6
Total			7,680	2,370

The District Engineer shows that local peculiarities necessitate the construction of weirs across the surplus channel in order to pass water for irrigation across it, and the excesses on Items 1 and 2 are unavoidable.

The breach having widened under the influence of the season's rains the cost of closing it, Item 3, shows an excess over the former estimate of Rupees 450.

The outlay for raising the bund will approximate closely to the former estimate.

The cost of extending the surplus weir is larger than the amount allowed in the Government order referred to. The District Engineer states, however, that the foundations need not be so deep as was directed by the undersigned, because the nature of the soil is better than was originally supposed. He must exercise his discretion in this matter.

The total amount of the estimate is large when compared with the revenue, but all the details have been thoroughly considered, and that revenue cannot be secured unless they are carried out. It is recommended that sanction be given to it.

(Signed) A. M. C. SCOTT, Major, R.E.,

Dy. Chief Engineer for Irrigation,

for Chief Engineer for Irrigation.

2nd January 1877.

To the Secretary to Government, Public Works Department.

No. 65.

ORDER THEREON, 5th January 1877, No. 34.

IRRIGATION, No. 9.

Account.

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

YELDURTY TANK.

Irrigation.

Group or Project.	Fund.	Class.	Name of Tank, Canal, or Channel.	Particulars of Work.	Amount.
		<i>Revised Estimate.</i>			Rs.
	Ordinary Agricultural.	Original Works.	Yeldurty Tank	Surplus weir	2,978
				Arched communication	154
Repairs		Upper amount		710	
		Lower amount		1,116	
		Closing breach		2,370	
		Raising bund		1,700	
		Total		10,050	

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

Proceedings of the Madras Government, Public Works Department,
5th January 1877. No. 34.

2. This sanction, has been registered as No. 250 I. of 1876-77, and cancels sanction No. 63 I. of 1876-77, G.O., No. 1,743, of 11th July 1876.

(True Extract.)

Major-General, 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. S. T. Austin.

Spare Copies

No 34 of 5 Jan 77
 From Mr. Eng. S. S. (H. E. No 4 608) 2 Jan 77

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

Yeldandy Tank.

Irrigation.

Group or Project.	Fund.	Class.	Name of Tank, Canal, or Channel.	Particulars of Work.	Amount. Rs.	
" "	Ordinary Agricultural	Revised Estimate	Yeldandy Tank	Large Weir	3978	To be carried out by the P. W. Department Officer in charge Kurnool Range.
		Original work		Broken communication	156	
				Upper outlet	730	
	Repairs			Lower outlet	1116	
				Closing breach	2370	
				Raising bund	1700	

Total Rupees 10,050.

2. This sanction has been registered
 as No. 250 I. of 1876-77. and cancelled
 sanction No 681 of 76-77 G.O. No. 1743
 of 11 July 1876

Dr. Kurnool
 Collection - do - 6 P. 608
 C. E. S. S.
 En. T. 10. 10.
 Rev. Sept.
 Civil
 12-1-77

12-1-77

24/ S
Govt. of 1877 Madras.
PUBLIC WORKS.

To the P. C. Munsal

Dated

Issued

Recd.

Encl.

G. O. 5th Jan 1877 No. 34 -

Nos. 64 & 65 -

Galdertz Sank. Turner
ditto — Estimate of
Rs 10,000 for repairs and
additions to the —
sanctioned

Sent to Regd.