

(1) Number of pages 4
(2) Date of repair 12-11-69
(3) Initials of the Referencer _____

MADRAS RECORD OFFICE

GOVERNMENT OF MADRAS

Revenue DEPARTMENT

G.O. No.	732	Press
B.R. No.		Mis.
Dated	22-3-1876	196 :

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
8th March 1876.*

Read the following:—

No. 239.

No. 83. *Note by the Chief Engineer for Irrigation.*

THE following estimate from the Sidhout Range is forwarded by the District Engineer, Cuddapah, with his letter marginally noted:—

Talug.—Pullumpett. Estimate No. — 1875. Work.—Munnoor Kitchumma Tank. Amount.—Rupees 820.

2. The Financial and Hydraulic details of the irrigation work concerned are exhibited in the following statement:—

I.—Financial Details.

Name of Work.	Ayacut Area.	Assessment.	Average Revenue for 5 years.	Highest Revenue for 5 years.	Expenditure during previous 4 years.	AMOUNT OF ESTIMATE.		
						Capital.	Revenue.	Total.
Munnoor Kitchumma Tank	ACRES. 102	RS. 60	RS. 468	RS. 472	RS. 282	RS. 292	RS. 528	RS. 820

II.—Hydraulic Details.

Name of Work.	Catchment Basin Area.	MAXIMUM SUPPLY.		LENGTH OF ESCAPE.		AVERAGE HEIGHT OF BUND.		Surplus discharged at M.T.L. per Section.	Tanks above.
		Catchment per Second.	Channels per Second.	Total.	Effective.	Above F.T.L.	Above M.T.L.		
Munnoor Kitchumma Tank ...	SQ. M. 9	C. FT. 2,600	C. FT. ...	FT. W. 109 W. 262	FT. 109 262	FT. 4'25 4'25	FT. 2'25 2'25	C. FT. 1,036 2,490	NO. ...

NOTE.—The proposed dimensions of escapes and heights of bund are printed in large type. The existing dimensions in small type. The following abbreviations are used:—C.—Calingulak with dam stones; W.—Weir with flush crest. E.—Escape at ground level. B.—Bund of tank.

3. The following is a summary of the work proposed to be carried out:—

The bund west of the west weir is to be raised to a uniform height $4\frac{1}{2}$ feet above crest and sectioned, and the width at top of bund is to be 2 yards. A new masonry weir 150 feet in length is to be constructed, also a guide or training bank 460 feet in length, and that portion of the bund where it breached in October 1874 is to be revetted, as well as some other portions where necessary.

4. The District Engineer reported in his letter of the 9th September 1875, No. 1,275, that the Collector objected to his proposals for locating the additional weir necessary at the south-eastern end of the bund in continuation of the existing weir there, because there was no proper outlet for the surplus. As the result of further investigation, the Chief Engineer recorded his opinion that the surplus, if allowed to pass as proposed, would not do any real injury to cultivated land, that it was necessary

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to increase the surplus discharge in that direction because the Railway Engineers had provided additional waterway across the line; that however in deference to the opinion of the Collector the additional discharge should consist in simply restoring to the south-east weir as a whole the floor which was cut off when that weir was raised in 1874, and that the remainder of the surplus should be disposed of by lengthening the north-east weir.

It was also pointed out that the Railway officers should be informed that the discharging capacity of the last-mentioned weir was about to be increased in order that they might, if necessary, provide additional waterway to pass the water across the line.

The District Engineer has now forwarded an estimate for lengthening the north-west weir, but he has not provided for any addition to the south-east weir, nor has he alluded to the arrangement laid down with respect to it.

He should report distinctly whether the Railway officers are fully aware and have been officially informed of the proposed arrangements.

5. The repair of the tank bund and the construction of the weir can no longer be delayed, and the estimate as forwarded is recommended for sanction. The following will be the distribution of the expenditure to account:—

Name of Tank.	Nature of Work	HEADS OF ACCOUNT.			
		Capital Ordinary.	REVENUE.		Total for each Tank.
			Extensions and Improvements.	Repairs.	
Munoor Kitchumma ...	Repairing the bund and forming training bank ... Building a new Weir...	RS. ... 292	RS.	RS. ... 528	RS. ... 820

FORT ST. GEORGE,
28th February 1876.

(Signed)

A. DEC. SCOTT, Major, R.E.,
Asst. Chief Engineer for Irrigation,
for Chief Engineer for Irrigation.

To the Secretary to Government, Public Works Department.

No. 89.

ORDER THEREON, 8th March 1876, No. 607.

IRRIGATION, No. 10.
Account.

The following estimate for irrigation work in the Sidhout Range, Cuddapah District, forwarded by the Chief Engineer for Irrigation with his Memorandum,

No. 239, dated 28th February 1876, is sanctioned:—

Munoor Kitchumma Tank—Repairing the bund, &c. Revenue (Repairs) ...	RS. 528
Do. Building a weir. Capital, Ordinary ...	292
Total ...	820

This estimate is registered as Irrigation, No. 35 I. of 1875-76.

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2. The District Engineer will report further in reference to the remarks in the 4th paragraph of the Chief Engineer's Note.

(True Extract.)

Comptroller 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. S. T. Austin.
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Revenue & Department

N. 1197

Govt. of Madras

PUBLIC WORKS.

THE DISTRICT ENGINEER,

CUDDAPORE.

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Secy.

22-3-76

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Nos. 88-89

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Communicated to
the Board of Revenue

22. March 76

Revenue & Public Works Department
Cuddalore District - Cuddalore
Reported for the year 1875-76
starting a well, etc.

With order

9. Secy. Board of Revenue & Public Works