

(1) Number of pages _____

(2) Date of repair _____

(3) Initials of the Referencer _____

MADRAS RECORD OFFICE

Government of Madras

Public Works

DEPARTMENT

G.O. No.	662	(J)	Press
B.P. No.			Mis.
Dated	14.3.		1876

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
14th March 1876.*

Read the following :—

No. 266.

No. 201. *Note by the Chief Engineer for Irrigation.*

The following estimates from the Siroolloor Range are forwarded by the
Superintending Engineer, Chingleput, with
No. 3,387, dated 14th November 1875. his letter marginally noted :—

Taluk.	Estimate No. 187	Work.	Amount.
Ponnary	...	Rettanibedoo Tank	Rs. 3,280
Do.	...	Thottacadoo large Tank	870

2. The financial and hydraulic details of the Irrigation Works 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.
Rettanibedoo Tank	ACRES. 451	RS. 1,275	RS. 649	RS. 653	RS. 1,008	RS. ...	RS. 3,280	RS. 3,280
Thottacadoo large Tank	203	713	463	479	39	...	870	870

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 Sec.	Tanks above.
		Catchment per Second.	Channels per Second.	Total.	Effective.	Above F.T.L.	Above M.T.L.		
Rettanibedoo Tank	SQ. M. 2	C. FT. 893	C. FT. Not stated.	FT. E. 94	FT. 94	FT. 5'	FT. 3'	C. FT. 0.0	No. Not stat- ed.
Thottacadoo large Tank	1	562	...	E. 91	91	2'25	2'75	893	1
						3'5		421'5	

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.—Calingulah with dam s'ones. 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 :—

Rettanibedoo Tank.—The bund of this tank was breached in four places, and the inner bank is considerably eroded. The estimate provides for closing the breaches, sectioning and turfing the bund, and also for forming a permanent escape with laterite boulders.

Thottacadoo large Tank.—This tank was breached in four places by the breaching of other tanks above it, which are being repaired, and the bund is very much damaged. The estimate provides for sectioning and turfing the bund, and also for forming an escape.

4. The financial circumstances of the Rettanibedoo tank are apparently unsatisfactory. Including the recorded expenditure and the proposed outlay the debit against Revenue amounts to Rupees 4,288, or 132 per cent. average outlay on average

Proceedings of the Madras Government, Public Works Department,
14th March 1876.

revenue. Moreover, the average revenue is only about 50 per cent. of the ayacut assessment. Full explanation should have been given regarding past expenditure, the cause of the small irrigated area, and the reason why previous outlay has been abortive.

5. The following statement shows the proposed distributions of the outlay recommended for sanction to the debit of the several Agricultural heads of account involved:—

HEADS OF ACCOUNT.						
Name of Tank.	Nature of Work.	Capital, Ordinary.	REVENUE.		Total for each tank, Rs.	
			Extensions and Improvements.	Repairs.		
Bettanibedoo Tank	Repairing the bund	RS.	RS.	RS.	RS.	
Thottacadoo large Tank	Forming an escape with laterite boulders	...	...	3,200	} 3,200	
	Repairing the bund	...	...	...		
	Rough stones to protect ends of bund	...	80	...		
	...	...	12	...		

FORT ST. GEORGE,
29th February 1876.

(Signed) A. DEC. SCOTT, Major, R.E.,
Dy. Chief Engineer for Irrigation,
for Chief Engineer for Irrigation.

ORDER THEREON, 14th March 1876, No. 662.

IRRIGATION, No. 18-A.

Account.

No. 266, dated 29th February 1876.

The following estimates for Irrigation Works in the Siroolloor Range, Chingleput District, forwarded by the Chief Engineer for Irrigation with his memorandum marginally noted are sanctioned:—

Name of Work.	Provision of Estimate.	Fund.	Amount.	Irrigation Register No.
Bettanibedoo Tank.	Repairing bund	Revenue Repairs	Rs. 3,200	No. 50 I. of 1875-76.
	Forming an escape with laterite boulders	Revenue Extensions and Improvements.	80	
Thottacadoo large Tank.	Repairing bund	Revenue Repairs	Rs. 80	No. 51 I. of ..
	Rough stone to protect ends of bund.	Revenue Extensions and Improvements.	12	

2. These sanctions are registered as shown above.
(True Extract.)

To the District Engineer, Chingleput.
" Collector of
" Chief Engineer for Irrigation.
" Examiner of Public Works Accounts.
" Revenue Department.
Exd. E. C. Shunker.
Spare Copies

Major-General, R.E.,
Secretary to Government.

I. Form No. 1.

OFFICE OF CHIEF ENGINEER FOR IRRIGATION,
Fort St. George, 29th February 1876.

No. 266

Note by the Chief Engineer for Irrigation.

No. 3387

Dated 14th Nov. 1875.

Subs. 9.

The following Estimates from the Siroolloor Range are forwarded by the Superintending Engineer Chingleput with his letter marginally noted:—

Taluq.	Estimate No.	Work.	Amount. Rs.
Connair	187	Bettanibedoo Tank	3,280
Do		Thottacadoo large Tank	870

2. The Financial and Hydraulic details of the Irrigation works 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.
	Acres.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Bettanibedoo Tank	457	1275	649	658	1008		3280	3280
Thottacadoo large Tank	203	718	463	479	39		870	870

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 Sec.	Tanks above.
	Sq. M.	C. ft.	C. ft.	Ft.	Ft.	Above F. T. L.	Above M. T. L.	C. ft.		
Attanibedoo Tank.	2	893	nil	nil	3.	1.	0.0	nil	nil	1
Thottacadoo large Tank.	1	562	nil	nil	2.5	.75	0.0	1	nil	1

NOTE.—The proposed dimensions of escapes and heights of bund are entered in red. The existing dimensions in black. In the M. T. L. the entries in red denote proposed dimensions. The following abbreviations are used:—C.—Calingulah 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.

Attanibedoo Tank. The bund of this tank was breached in four places, and the inner bank is considerably eroded. The estimate provides for closing the breaches, sectioning and turving the bund, and also for forming a permanent escape with laterite boulders. Thottacadoo

Thottacadoo large Tank. This tank was breached in four places by the breaching of other tanks above it, which are being repaired, and the bund is very much damaged. The estimate provides for sectioning and turving the bund, and also for forming an escape.

4 The financial circumstances of the Attanibedoo Tanks are apparently unsatisfactory. Including the recorded expenditure and the proposed outlay the debit against Revenue amounts to Rs 4,288, or 132 per cent average outlay on average revenue. Moreover the average revenue is only about 50 per cent of the agent assessment. Full explanation should have been given regarding past expenditure, the cause of the small irrigated area and the reason why previous outlay has been abortive.

5 The following statement shows the proposed distributions of

if the outlay recommended
for sanction to the debit of
the several agricultural heads
of account involved.

Name of Tank	Nature of Work	Heads of Account				
		Capital	Ordinary	Revenue	Repairs	Total
Kattanibedoo Tank	Repairing the bund				3200	
	Forming an escape with laterite boulders			00		3250
Thiottacadoo large Tank	Repairing the bund				558	
	Rough stones to protect ends of bund			12		570

Approved
Asst. Chief Engr. for Irrigation
for Chief Engr. for Irrigation
Major R.L.
Secretary to Govt.
P.W.D.
No 14 March 76 B. 10 201

FORMER CASES.	
Current No.	of 187
"	"
"	"
"	"
"	"

LATER CASES.	
Current No.	of 187
"	"
"	"
"	"

Note for Printer - See entries in
and note in page

C.F.S.

[Handwritten signature]

M. Works Form No. 3.

Current No. 1751

From

The Chief Eng^r
for Irrigation

No. 266

Dated 29

Recd. 9

Feb

March

1876

Subject:—

Notes on ^{the} Irrigation
Works in the ~~Sindoor~~ Range
Chingleput Dist.

ENCLOSURES. 9

From

to

"

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"

"

Orders and Proceedings in file.

Depart- ment.	No.	Date.	ENDORSEMENTS.		
			Depart- ment.	No.	Dated.

No 662 Public Works Dept
Proceedings of the Madras Government

Under date the 14th March 1876

From
The Chief Engineer
for Irrigation

Read the following:—

(C.O. No 266 of 29 Feb 1876)

The following estimate
for Irrigation works in
the Tiruvallur Range,
Chingleput District,
forwarded by the
Chief Engineer for Irriga-
tion with his memorandum
marginally noted are
sanctioned.

No 266 of 29 Feb 1876.

Name of Work.	Provision of estimate	Amount	Irrigation Registers
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Attambedoo Tank	Repairing bund Revenue Repairs forming an escape Revenue Extensions with latents boulders & Improvements	3200 80	No 50 of 29 Feb 1876
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Thottacadoo large Tank.	Repairing bund Revenue Repairs rough stone to protect ends of bund Revenue Extensions & Improvements	858 12	No 51 of 29 Feb 1876
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2 These sanctions
are registered as
shown above.—

G. S. S.

Comp. S. S. S.

Amr

1781

GOVT. of 1876: Madras.
PUBLIC WORKS.

To
The Lt Engineer
Chingleput

1013

Let d

Issued

Recd

Est.

G. O. 14, March 1876, No.

662

Dec. 1/1

Works in the Tiruchon Ray,
Chingleput Dist —
Estimates for the repair of
Cutties — sanctioned