

(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.	644	(9)	Press
B.P. No.			Misr
Dated	13.3.		1876.

Not to be folded or roughly handled

Proceedings of the Madras Government, Public Works Department,
13th March 1876.

Read the following :—
No. 263.

No. 166. Note by the Chief Engineer for Irrigation.

THE following estimates from the Chingleput and Mount Ranges are forwarded by the Superintending Engineer, Chingleput, with his letter marginally noted :—

Taluk.	Estimate No. 187	Work.	Amount.
Chingleput	...	Goodavoyaloor and Iyapakam Hissa Tank ...	RS. 490
Sydapet	...	Ollagaram Tank	575

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.
Goodavoyaloor and Iyapakam Hissa Tank ...	ACRES. 101	RS. 852	RS. 295	RS. 310	RS. ...	RS. 110	RS. 350	RS. 460
Ollagaram Tank	97	241	218	227	...	175	400	575

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.	Tacks above.
		Catchment per Second.	Channels per Second.	Total.	Effective.	Above F.T.L.	Above M.T.L.		
Goodavoyaloor and Iyapakam Hissa Tank.	SQ. M. 1.5	C. FT. 737	C. FT. ...	FT. E. 78	FT. 78	FT. 2.17	FT. 1.17	C. FT. 0.0	No. Not stated.
Ollagaram Tank	1	562	...	C. 24 W. 24 W. 35	21 59	4 5	2 3	189 560.6	2

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 stones. W.—Weir with flush creek.
E.—Escape at ground level. B.—Bund of tank.

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

Goodavoyaloor and Iyapakam Tank.—No remarks.

Ollagaram Tank.—This tank has a calingulah 24 feet in length, it is proposed to remove the dam stones, and to construct a rough stone flush escape 35 feet in length, making a total length of 59 feet available for surplus discharge. The estimate provides for raising and sectioning the bund, closing the breach, turfing, repairing sluice and extending the rough stone flush weir.

Proceedings of the Madras Government, Public Works Department,
13th March 1876.

4. The following statement shows the proposed distribution of 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			Total for each Tank, Rs.
		Capital, Ordinary.	Estimates and Repairs.	Revenue.	
Goodavoyaloor and Iyapakam Hissa Tank.	Raising, repairing, and strengthening the bund.	25	10	35	110
	Constructing a sluice	...	...	...	
	Total ...	110	...	...	
Ollagaram Tank	Raising, repairing, and strengthening the bund.	...	...	310	175
	Constructing a masonry dash escape	...	...	...	
	Improving the existing channel	175	10	...	
Total ...		...	...	...	...

5. The provision of escape for the surplus of the Goodavoyaloor and Iyapakam Hissa tank is insufficient, and the length of escape should be 120 feet.

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

To the Secretary to Government, Public Works Department.

No. 167.

ORDER THEREON, 13th March 1876, No. 644.

IRRIGATION, No. 15.

Account.

No. 263, dated 29th February 1876.

Name of Work.	Provision of Estimate.	Total	Amount	Irrigation Register No.
Goodavoyaloor and Iyapakam Hissa Tank.	Repairing bund	...	...	411 of 1876-78
	Repairing sluice	...	...	
	Repairing bund	...	...	
Ollagaram Tank	Constructing a masonry dash escape	...	...	411 of 1876-78
	Improving existing channel	...	...	
	...	...	...	

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 Account.
" Revenue Department.
Exd. S. T. Austin.
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. 263.

Note by the Chief Engineer for Irrigation.

No. 3309

Dated 8th Nov. 1875.

Enclor. 14.

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

Talug. 11. Estimate No. 187. Amount. Rs.

Chingleput — Goodavoyaloor &
Iyapakam Hissa Tank - 490—
Pydapet — Ollagaram Tank - 575—

2. The Financial and Hydraulic details of the Irrigation works concerned are exhibited in the following statement:

— Financial Details.

Name of Work.	Ayacut Area.	Assessment.	Averaged 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.
Goodavoyaloor & Iyapakam Hissa Tank	104	352	295	310	nil	110	380	490
Ollagaram Tank	97	241	218	227	...	175	400	575

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.		
						Ft.	Ft.		
		C. ft.	C. ft.	Ft.	Ft.	Ft.	Ft.	C. ft.	No.
Goodavayaloor & Syapakam Tanks	1.5	737	nil	nil	nil	2.17	17	0.0	not stated
Ollagaram Tank	1	562	do	24	21	4	2	189	2

Note.—The proposed dimensions of escapes and heights of bund are entered in red. The existing dimensions in black. In the MS. 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.

Goodavayaloor and Syapakam Tanks. No remarks.

Ollagaram Tank. This tank has a calingulah 24 feet in length, it is proposed to remove the dam stones, and to construct a rough stone flush escape 35 feet in length, making a total length of 59 feet available for

for surplus discharge. The estimate provides for raising and sectioning the bund, closing the breach, surfacing, repairing sluice and extending the rough stone flush weir.

4. The following statement shows the proposed distribution of 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	Improvements	Total for each tank &c.
Goodavayaloor & Syapakam Tanks	Raising, repairing & strengthening the bund	"	"	380	"	"
Hepa Tank	Constructing a sluice	110	"	"	"	"
Total						490

Ollagaram Tank	Raising, repairing & strengthening the bund	"	"	350	"	"
	Constructing a masonry flush escape	175	"	"	"	"
	Improving the existing calingulahs	"	"	50	"	"
Total						575

5. The provision of escape for
the surplus of the Godavayaloor
and Lyapatakam Nipa tank is in-
sufficient and the length of
escape should be 120 feet.

Quelate

Major S. H.

Asst. Chief Engr. for Irrigation
for Chief Engineer for Irrigation.

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at the same time

To The Secretary to Government
P.W.D.

No 13 March 76 B.N. 156

C.H.P.

FORMER CASES.

Current No.

of 187

M. WORKS FORM No. 3.

Current No. 1693

From

The Chief Eng^r for
Irrigation

No. 263

Dated 29 Feb.

Recd. 7 March

1876.

Subject:-

Note on let. for
construction of sluices to certain
tanks in the Mount Range,
Chingleput Dist.

LATER CASES.

Current No.

of 187

ENCLOSURES. 14

From

to

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"

Orders and Proceedings in file.

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

No. 644

P. W. Dept.

Proceedings of the Madras Eng^r & S^r
Under date. this 18th March 1876.
Read the following

Grand

The Chief Engineer for
Irrigation

(H.C. No. 263 of 29 Feb. 1876.)
The following estimates

for Irrigation works in the
Chingleput and Mount
Ranges, Chingleput District,
forwarded by the Chief
Engineer for Irrigation
with his memorandum
marginally noted are
sanctioned.

No. 263 of 29 Feb. 1876.

Name of Work	Division of Estimate	Sum	Amount	Irrigation disgates 7.9
Goodavayaloor	Repairing bund - Revenue Repair	380	430	1876
Iyapakam Hira	Irrigation sluice Capital Ordinary	110		
Tank				
	Repairing bund - Revenue Repair	350	475	1876
	Constructing a			
Collagaram	masonry flume	175	475	1876
Tank	escape			
	Improving existing Revenue Ec- calingulak - functions & Improvements	50		

These

1693

2 These sanction
are registered as
shown above.

CHIEF OF BUREAU
PUBLIC WORKS

Chief
4-2-76
AMH

The St Engineer
Chengelpat
15/3

13th week 544

106-167

Sanke, Chengelpat
Estimates for the repair
of certain — re. San-
tioned.

106-167

L. E. Chengelpat
Director — do —
for I with 14 Ord Encls
to P. W. D.
Gen. Dept.

Mar 25-3-76