

(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.	3548	Press
B.P. No.		Mts.
Dated	27. 12	195
		1876

Original

Not to be folded or roughly handled

Proceedings of the Madras Government, Public Works Department,
27th December 1876. No. 3,548.

Read the following:—

No. 313 W.

No. 593.

Note by the Chief Engineer for Irrigation.

THE following estimates from the Virdachellum range are forwarded by the District Engineer, South Arcot, with his letter marginally noted:—

Taluq.	Village.	Work.	Amount.
Virdachellum Do.	Thalanellore Do.	Alagapillay's Tank Vyapoori Odyan's Tank	Rs. 1,039 773

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.	During the previous 4 years.	OUTLAY.		
						PROPOSED ORDINARY AGRICULTURAL.		
						Original Works.	Repairs.	Average annual proportion of charges to Revenue.
Alagapillay's Tank	ACRES.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
Vyapoori Odyan's Tank	Inam 33 Circular 33 Inam 4 Inam 26	215 189 32 168	404 Not stated. 222	..	..	390	640	50 9
Total	Circular 37 Inam 69	247 357	626	..	..	390	773	69 6
Grand Total	96	604	626	..	..	390	1,413	..
						1,803		57 6

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.		
		SQ. M.	C. FT.	C. FT.	FT.	FT.	FT.	C. FT.	No.
Alagapillay's Tank	1	450	..	..	Nil.	2 4	1 4	0 0	Nil.
Vyapoori Odyan's Tank	1	450	..	..	150	3 2	2 0	415 6	Nil.
					Nil.	1 95	3 0	0 0	Nil.

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 crest. E.—Escape at ground level. B.—Bund of tank.

Proceedings of the Madras Government, Public Works Department,
27th December 1876. No. 3,548.

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

Alagapillay's Tank.—Raising and repairing the bund, removing prickly pear, constructing five Irrigation sluices, and a masonry escape.

Vyapoori Odyan's Tank.—Raising and repairing the bund, removing prickly pear, repairing the supply sluice, and reconstructing an Irrigation sluice.

4. The District Engineer states that the Collector to whom the estimates were sent has notified that he considers it inexpedient to expend the sum required to put these tanks in order, and that, if there is no objection on other accounts, they may cease to be maintained as Government Irrigation Works. Of the ayacut of 96 acres under these tanks assessed at Rupees 604, 59 acres are Inam assessed at Rupees 357, or 6.05 Rupees per acre, and there does not appear to have been any outlay during the

* The outlay already incurred amounts to Rupees 247. previous four years except that included in the present estimate* of Rupees 1,803.

It is proposed to expend 2½ths years' average revenue and to sink a sum representing at 5 per cent. a revenue of about Rupees 90.

The loss which would result from the conversion of wet land into dry is not stated, but it would probably not be less than Rupees 5 per acre, and would therefore amount to Rupees 480 annually. On the whole it seems desirable that the renovation of these tanks should be carried out. Care should be taken when propositions to abandon Irrigation Works are made, that all the circumstances and the probable financial results of such a course are clearly shown.

5. An endeavour should be made to reduce the number of Irrigation sluices for the Alagapillay tank. Five are provided for the irrigation of 66 acres.

The following statement shows the proposed distribution of the outlay recommended for sanction, to the debit of the several heads of account involved :—

Name of Tank.	Items of Estimate.	FUND, ORDINARY AGRICULTURAL.		Total for each Tank, &c.
		Original Works.	Repairs.	
Alagapillay's Tank	Repairing the bund	RS.	RS.	RS.
	Constructing five Irrigation sluices		640	1,030
	Constructing a masonry escape	115	..	
Vyapoori Odyan's Tank	Repairing the bund and supply sluice	275	..	
	Reconstructing an Irrigation sluice	..	450	773
		..	323	

FORT ST. George,
21st December 1876.

(Signed) A. DEC. SCOTT, Major, R.E.,

Dj. Chief Engineer for Irrigation,

for Chief Engineer for Irrigation.

To the Secretary to Government, Public Works Department.

Proceedings of the Madras Government, Public Works Department,
27th December 1876. No. 3,548.

No. 594. ORDER THEREON, 27th December 1876, No. 3,548.

IRRIGATION, No. 44-AA.

Account.

No. 313 W., dated 21st December 1876.

THE following estimates for Irrigation Works in the Virdachellum range, South Arcot District, forwarded by the Chief Engineer for Irrigation with his memorandum marginally noted, are sanctioned :—

Name of Work.	Item of Estimate.	Fund.	Amount.	Irrigation Registry No.
Alagapillay's Tank	Repairing the bund	Repairs	RS. 640	1
	Five Irrigation sluices	Original Works	115	2
	Masonry escape	Do.	275	3
Vyapoori Odyan's Tank	Repairing the bund and supply sluice	Repairs	450	1
	Reconstructing an Irrigation sluice	Do.	323	2

2. These sanctions are registered as shown above.

(True Extract.)

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

To the District Engineer, South Arcot.

„ Collector of do.

„ Chief Engineer for Irrigation.

„ Examiner of Public Works Accounts.

„ Revenue Department.

Exd. E. C. Shunker.

Spare Copies

Fort St. George, 21st December 1876.

M 313-W.

Note by the Chief Engineer for Irrigation.

No. *94*

Dated *22nd Aug 1876*

THE following Estimates from the *Vidashellum* Range are forwarded

by the *District* Engineer *South Arcot* with his letter

Encls. 12. marginally noted:—

Taluq.	Village.	Work.	Rs.	Amount.
--------	----------	-------	-----	---------

Vidashellum. Thalanchore. Magapillai's Tank. 1030

d. d. Vyapoori Odyani's d. 773

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.	During the previous 4 years.	OUTLAY.		
						Original Works.	Proposed.	
							Repairs.	Average annual proportion of Charges to Revenue.
	Aéres.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
<i>Magapillai's Tank</i>	<i>1100</i>	<i>215</i>	<i>1404</i>	<i>not stated</i>		<i>390</i>	<i>640</i>	<i>50.9</i>
<i>Vyapoori Odyani's Tank</i>	<i>168</i>	<i>32</i>	<i>222</i>				<i>773</i>	<i>69.6</i>
<i>Total</i>	<i>1268</i>	<i>247</i>	<i>1626</i>			<i>390</i>	<i>1413</i>	
<i>Grand Total</i>	<i>96</i>	<i>604</i>	<i>1626</i>			<i>1303</i>	<i>57.6</i>	

involved

Name of Tank	Items of Estimate	Fund Ordinary Agricultural		Total for each Tank
		Original work	Repairs	
Mazapillai Tank	Repairing the bund	.	640	1030
	Constructing & irrigation channels	115	.	
	Constructing a masonry escape	275	.	
Vijayapuri Tank	Repairing the bund and supply channel	.	450	773
	Reconstructing an irri- gation channel	.	323	

Ans. Scott.

Majors R. V.
Deputy Chief Engineer for Irrigation
for Chief Engineer for Cuv

To

The Secretary to Government
Public Works Department

Ans.

95

21-8-74 No 2353.

P.W.D.
22 DEC 76

From No. 9295
The Chief Engineer for Engg.
The Secretary to Govt.
P. W. D.

Dated 21st } Dec-1876
Recd. 22nd }
Encls. 13.
No 313-W.

1593

Thalavellare Tanks - South
West. - Note forwarding
for sanction, estimates for
repairs to the Alagapillai &
Vyapuri Odayan Tanks.

Cir 22-12-76.

E. I. Form No. 3.

From No 3548 of 27. 12. 76

THE following Estimates for Irrigation
works in the Virudachellum Range,
South West District, forwarded by the
Chief Engineer for Irrigation with his Memo.
dated 21st December 1876. marginally noted are sanctioned:—

No. 313-W

dated 21st December 1876.

Name of Work.	Item of Estimate.	Fund.	Amount	Irrigation Registry No.
Alagapillai's Tank	Repairing the bund. 2	Repairs	6150	1
	Fine Irrigation shutes. 2	Original work	115	2
	Masonry escape	do do	275	3
Vyapuri Odayan Tank	Repairing the bund and supply shutes	Repairs	450	1
	Reconstructing an Irrigation shute. 2	do.	523	2

2. These sanctions are
registered as shown above

And Over

D. L. Sathubekah. V
Collector of District V
Ch. Eng. for Virudachellum with 13 & put up papers.
R. S. Wilcocks V
Revenue Officer, V
Dis No 10-1-77

9295A

Gobt. of 1876 Madras.
PUBLIC WORKS.

To *Mr. N. B. South Street*

Dated

Issued

Recd.

Encl.

G. O. 27th Nov 1876, No. 8548

Nos. 593/4

*Magapillay and Vengur
kur. P. O. Bayans Tanks.
South Street
Estimates for repairs &
— sanctioned.*

Cont. no. 100