

(1) Number of pages _____

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MADRAS RECORD OFFICE

Government of Madras

Public Works DEPARTMENT

G.O. No.	2899	Press	<i>Original</i>
B.P. No.		Mis.	
Dated	11. 10	195	18/6

Not to be folded or roughly handled

Read the following :—

No. 1,165.

No. 149.

Note by the Chief Engineer for Irrigation.

No. 1,722, 4th August 1875.

The following estimates have been submitted by the Superintending Engineer, Chingleput.

Agaram Thooley Tank.—Repairs	Rs. 1,577
Dry stone Escape	290
Total	1,867

Ayacut Area	Acres 217
„ Assessment	Rs. 929
Average Revenue	729
Highest do.	949

Rupees 1,017 have been spent on the tank within the last four years. It breached in 1872, and again in 1874.

The area of the catchment basin is 5 square miles, and there are four Shrotriem Tanks* above it, all of which are reported to be much in need of repair.

* Maladooly.
Attyoor.
Salanor (2).

The 51 feet of existing calingulah, of which only 45½ feet are effective, are altogether inadequate. The dam stones are to be removed, and 130 feet of dry stone escape given in addition. The tank is one of the many instances in which mere repairs without consideration of the real requirements of the case resulted in waste of money. A note of probable expenditure in 1875-76, at foot of report, shows that the subdivisional officer contemplates spending Rupees 790 on repairs, and nothing on the additional escape. This will not do at all; first, the escape should be provided, and then the outlay on repairs may be made with some probability of the work done not being washed away. The tank is in the Madranticum basin.

2. Arianoor Tank.—Repairs	Rs. 1,100
Ayacut Area	Acres 111
„ Assessment	Rs. 284
Average Revenue	270

Rupees 447 were expended in 1873-74 on the tank, but before that for fifteen or twenty years there was no outlay on repairs. The catchment basin is 2 square miles. The tank breached in 1872, and again in 1874, owing to the surplus wear having been built twelve or fifteen years ago with its crest 33 inches above F. T. L. in connection with an estimate for raising the bund which was not sanctioned, and which apparently was not necessary or expedient. The length of this weir is 60 feet, and the crest is to

*Proceedings of the Madras Government, Public Works Department,
11th October 1875.*

be lowered to F. T. L., when it will suffice for the disposal of surplus. The sluice is in bad order and is to be repaired and improved.

3. Pinnamy Tank.—Repairs	Rs. 615
Dry stone Escape	" 160
Ayacut Area	Acres 72
" Assessment	Rs. 338
Average Revenue	" 367

The catchment basin is said to be 1 square mile, which is small for the acreage irrigated. It has no tanks above it, but it is in the Neelamungalam group. Surplus has been discharged over high ground at the west end of the bund. The estimate provides for a dry stone escape 62½ feet long, which may with advantage be increased to 80 feet, looking to the probability of the area drained having been under-estimated; the escape will then cost about 200 Rupees.

4. Vellapoothoor Tank.—Repairs	Rs. 725
Dry stone Escape	" 215
Ayacut Area	Acres 199
" Assessment	Rs. 523
Average Revenue	" 423

There has been no recent expenditure, except on emergent work included in the present estimate.

The tank is in the Madranticum group, and it has two tanks above it. The catchment basin is 2½ square miles, so it is not surprising that the full ayacut cannot be irrigated regularly. Apparently the ayacut might with advantage be reduced to 160 acres. Breaches occurred in 1874, which are accounted for by the fact that the means of disposing of surplus are a dry stone escape 36 feet long, whereas 115 feet are required and will be provided. The interior slope of the bund, which has been much damaged, will be protected by tank grass.

5. Oolathamungalum Tank.—Repairs	Rs. 1,005
Dry stone Escape...	" 179
Ayacut Area	Acres 75
" Assessment	Rs. 341
Average Revenue	" 351

There has been no recent expenditure, except on emergent work included in this estimate. The catchment basin is said to be 1 square mile, which is small for the acreage, and it appears to be probable that it is at least 1½ square miles. The tank belongs to the Neelamungalam group, and has no tanks above it. In May 1874 it was breached and much damaged, and in October the breach was much enlarged. Surplus has been discharged by a cut 36 feet wide, and no estimate has been submitted for an escape, but one is admitted to be required and should be provided at once; the cost for 62½ feet of dry stone escape is mentioned to be Rupees 179, and it will be better to allow for 80 feet, which will raise the amount to Rupees 225.

OOTACAMUND,
6th October 1875.

(Signed) JOHN MULLINS, Lieut.-Colonel, R.E.,
Chief Engineer for Irrigation.

*Proceedings of the Madras Government, Public Works Department,
11th October 1875.*

No. 150.

ORDER THEREON, 11th October 1875, No. 2,899.

IRRIGATION, No. 14.

Account.

The following estimates are sanctioned:—

Chingleput District.

	Capital.	Revenue.
	RS.	RS.
Agaram Thooley Tank	290	1,577
Arianoor	...	1,100
Pinnamy	200	615
Vellapoothoor	215	725
Oolathamungalum	225	1,005

(True Extract.)

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

To the Superintending Engineer, Chingleput.
" Chief Engineer for Irrigation.
" Controller of Public Works Accounts.
" Collector of Chingleput.
" Revenue Department.

Exd. S. T. Austin.

Spare Copies

No. 1115.

sd

State by the Chief Engineer for Irrigation.

The following estimates have been submitted by the Superintending Engineer

Agaram Shooly Tank Repairs Rupees 1547

Dry stone escape 290

Total Rs 1837

No. 1123-4
August 1875.

Enclosure 9.

Agaram area acres 217

" Assessment Rupees 727

Average revenue " 727

Highest do " 949

Rupees 1017 have been spent on the tank within the last 4 years. It breached in 1872 and again in 1874.

The area of the catchment basin is 5 square miles, and there are 4 Shrotrams, Tanks above it all of which are reported to be much in need of repair.

* Inadequately
* Shrotrams
* Tanks (3)

The 51 feet of existing cubical, of which only 45 1/2 feet are effective, are altogether inadequate. The dam stones are to be removed and 130 feet of dry stone escape given in addition. The tank is one of the many instances in which mere repairs without consideration of the ^{of the real requirements} of the

case resulted in waste of money.
A note of probable expenditure in 1875-76
at foot of report shows that the Sub-
divisional Officer contemplates spending
Rupees 490 on repairs, and nothing on the
additional escape. This will not do at
all: first the escape should be provided
and then the outlay on repairs may be
made with some probability of the work
done not being washed away. The tank
is in the Madraintiam basin.

2. Arianoor Tank Repairs. Rupees 400
Ayanut area acres 111
" Assessment Rupees 286
Average revenue " 270

Rupees 444 were expended in 1875-76 on
the tank, but before that for 15 or 20
years there was no outlay on repairs.
The catchment basin is 3 square miles.
The tank breached in 1873 and again in
1874 owing to the surplus weir having
been built 12 or 15 years ago with its crest
33 inches above F.T.L. in connection with
an estimate for raising the bund which

72
was not sanctioned, and which apparently
was not necessary or expedient. The length
of this weir is 60 feet, and the crest is be-
lowed to F.T.L., when it will suffice for
the disposal of surplus. The sluice is in
bad order and is to be repaired and improved.

3. Pinnam Tank - Repairs Rupees 615
Dry stone escape " 160

Ayanut area acres 42
" Assessment Rupees 338
Average revenue " 367

The catchment basin is said to be 1 square
mile, which is small for the acreage irri-
gated. It has no tanks above it, but it
is in the Declamungalam group. Surplus
has been discharged over high ground
at the foot end of the bund. The estimate
provides for a dry stone escape 62½ feet
long which may with advantage be in-
creased to 80 feet, looking to the proba-
bility of the area drained having been
under estimated; the escape will then
cost also at 300 Rupees.

4. Bellapoothoor Tank. Repairs Rs 735
Dry stone escape " 215

Adjacent area acres 179

" Assessment Rs 523

Average revenue " 433

There has been no recent expenditure, except on emergent work included in the present estimate.

The tank is in the Madraaticum group and it has two tanks above it.

The catchment basin is $2\frac{1}{2}$ square miles so it is not surprising that the full adjacent cannot be irrigated regu-

larly. Apparently the adjacent might with advantage be reduced to 160 acres.

Breaches occurred in 1874, which are accounted for by the fact that the means of disposing of surplus are a dry stone escape 36 feet long, whereas 115 feet are required and will be provided.

The interior slopes of the tank, which has been much damaged, will be protected by tank grass.

98
5. Bellamangalam Tank
Repairs Rupees 1005

dry stone escape " 177

Adjacent area acres 45

" Assessment Rupees 341

Average revenue " 361

There has been no recent expenditure, except on emergent work included in this estimate. The catchment basin

is said to be 1 square mile, which is small for the acreage, and it appears to be probable that it is at least $\frac{1}{2}$ square mile.

The tank belongs to the Bellamangalam group and has no tanks above it. In May 1874 it was breached and much damaged, and in October

the breach was much enlarged. But the breach was much enlarged. But the breach was much enlarged. But the breach was much enlarged.

- It has been discharged by a cut 36 feet wide and no estimate has been submitted for an escape, but one is admitted to be required and should be provided at once; the cost for 625 feet of dry stone escape is mentioned

to be Rupees 149 and it will be better
to allow for 80 feet, which will raise the
amount to Rupees 225.

Wm. L. L. L. L. L.
Chief Engineer for Irrigation

Colacium and
6th October 1875

To the Secy: Govt.
P. H. L.

P. W. 1895 Sept.
No: 6513

From

The Chief Engr.
for Irrigation.

Dated 6 Oct 1895.
Recd. 13 - 1895.

E. G. No: 1165

Note on Est. for
repairs of certain
tanks in the Chingleput
District.

S.O. 2895. 11-10-95.

No 2899
Pro: of the Madras Government

Ir. No. 5-
S.H.B. Accounts
13d

Under date the 11th Oct 1895

Read the following:-
The Ch. Engineer for I. (H. E. No: 1165 of 6th Oct 1895)

The following estimates
are sanctioned

Chingleput District

	Capital. Reserve
Agaram Shooly Sanki Rapers	270-1544
Ariancor do "	1100
Pinnam do "	300-616
Vellapootoor do "	215-725
Colathamangalam do "	226-1005

by 8/10
G.M.V.

Depd- 21-10-95

Chingleput 6 with orig papers
Chingleput 5 with 3 Estimates
Chingleput 5
Per Dept 16 Office 17

1873
Act of 1873
PUBLIC WORKS.

Mr. J. M. Chapman
Chungking

Dated
To
Per
No. 1100
2899

No. 149-150

Repair of Canton Road
in the Chungking St
The estimate amounting
to \$952 for the
sanctioned