

14/8

of 1875 Madras
PUBLIC WORKS.

To

H. P. S. S. S.
27/9 Chingleput

Est. 1

Est. 2

Est. 3

Est. 4

22/11/75
No. *2749*

Nov. 30/75

Repair of certain lands
in the Chingleput District
The Estimate amounting to
Rs 2995 for the — cautions
Attention to be given to the
remarks in the note re-
viewing the Estimates

*Proceedings of the Madras Government, Public Works Department,
22nd September 1875.*

Read the following:—

No. 1,069.

No. 529. *Note by the Chief Engineer for Irrigation.*

THE Superintending Engineer, Chingleput, has forwarded the following estimates, after revision, for sanction:—

Valiapoothoor Tank—Repairs	Rs. 955
Minor New Works	„ 175
Total	„ 1,130

Ayacut area	Acres 259
„ assessment	Rs. 662
Average revenue	„ 281

No expenditure has recently been incurred on repairs.

The tank has a drainage basin of $1\frac{1}{2}$ square miles, and a supply channel from the Nelvoy stream. Judging from the wide difference between the ayacut and cultivated areas, the supply channel cannot have been efficient, for this stream is apparently the surplus channel of the Ootramallur Tank, which is supplied from the Cheyair. Something is to be done to the channel head, but it would have been more satisfactory had the defects of the water-supply and the remedial measures proposed been noticed in the report. Surplus has hitherto been disposed of at an opening 60 feet wide at the end of the bund. A pavement, 102 feet long, to regulate the water level and discharge is intended to be allowed. The surplus passes ultimately into the Madranticum Tank.

2. Moorookambakum Tank—Repairs	Rs. 805
Minor New Work	„ 135
Total	„ 940

Ayacut area	Acres 68
„ assessment	Rs. 327
Average revenue	„ 283
Highest do.	„ 314

Nothing has recently been spent on repairs.

The catchment basin is reported to be $1\frac{1}{2}$ square miles, and part of this is intercepted by a small tank, so that the estimate of the area would seem to be somewhat under the mark. It has a dry stone pavement 30 feet long and 51 feet are to be added, while until this is done 60 feet of the bund are to be cut down to F.T.L.

3. Pulikaradu Tank	Rs. 355
Ayacut area	Acres 32
„ assessment	Rs. 105
Average revenue	„ 125
Highest do.	„ 147

No expenditure on repairs appears to have taken place.

The catchment basin is reported to be half a square mile, which is much less than usually suffices to irrigate 38 to 45 acres. An escape, 60 feet long, is to be provided by levelling the bund to F. T. L., and it is mentioned that the surface of the ground is to be protected by tank grass, but it must be remembered that the grass will diminish by about one-half the discharging capacity of the opening, and that the

supply and the remedial measures

Proceedings of the Madras Government, Public Works Department,
22nd September 1875.

length of opening must therefore be in that case doubled; this will add Rupees 15 to the estimate which will become Rupees 370.

4. Vilvaroyanullur Tank—Repairs	Rs. 400
Minor New Work	„ 155
Total	„ 555

Ayacut area	Acres 121
„ assessment	Rs. 376
Average revenue	„ 204
Highest do.	„ 290

Rupees 111 were expended in 1873-74 in repairing damage sustained in 1872.

The catchment basin of the tank is said to be $1\frac{1}{2}$ square miles, and this, especially as part of it is intercepted by the Vasavdavady Tank, cannot more than suffice in ordinary seasons for the irrigation of more than the 66 Acres which appear to be cultivated, and it would seem desirable to transfer a part of the ayacut from wet to dry. Surplus has hitherto been got rid of by an opening of 20 feet at one end of the bund, and for this is to be substituted a pavement of dry stone $68\frac{1}{2}$ feet in length.

OOTACAMUND, (Signed) JOHN MULLINS, Lieut.-Colonel, R.E.,
16th September 1875. Chief Engineer for Irrigation.

No. 530. ORDER THEREON, 22nd September 1875, No. 2,749.

IRRIGATION, No. 49.

Account.

The following estimates are sanctioned:—

Chingleput District.

	Revenue.	Capital.
	RS.	RS.
Valiapoothoor Tank	955	175
Moorookambakum Tank	805	135
Pulikaradu Tank	370	...
Vilvaroyanullur Tank	400	155

Attention should be given to the remarks in the foregoing note reviewing the estimates.

(True Extract.)

(Signed) G. W. WALKER, Major-General, R.E.,
Secretary to Government.

To the Superintending Engineer, Chingleput.
„ Chief Engineer for Irrigation.
„ Controller of Public Works Accounts.

Exd. E. C. Shunker.

Spars Copies

Chingleput 8.

7/10/69
Note by the Chief Engineer for Irrigation.
The Super Engineer Chingleput has forwarded the following estimates, after revision, for sanction.

Valiapoothoor Tank - Repairs Rs 955
Minor New Work - 175
Total Rupees 1130

Ayacut area acres 259
„ assessment Rs 662
Average revenue „ 281

to expenditure has recently been incurred on repairs.

The tank has a drainage basin of $1\frac{1}{2}$ square miles and a supply channel from the Velvay stream. Judging from the wide difference between the ayacut and cultivated areas the supply channel cannot have been efficient for this stream is apparently the surplus channel of the Ootramallur Tank which is supplied from the cheyair. Something is to be done to the channel head, but it would have been more satisfactory had the defects of the water supply and the remedial measures

proposed been noticed in the report.
 Surplus has hitherto been disposed of
 at an opening 60 feet wide at the
 end of the bund. A pavement 100 feet
 long to regulate the water level and dis-
 -charge is intended to be allowed. The
 surplus passes ultimately into the
 Madrauticum tank.

2. Inoorokambhatum Tank.

Repairs	Rupess 305
Minor New Work	135
Total	440
Agriant area	acres 68
" Assessment	Rupess 327
Average revenue	" 288
Highest do	" 314

Nothing has recently been spent on repairs.
 The catchment basin is reported to be
 1 1/2 square miles, and part of this is in-
 -tercepted by a small tank, so that the
 estimate of the area would seem to be some-
 what under the mark. It has a dry
 stone pavement 30 feet long and 51 feet
 are to be added, while until this is done
 60 feet of the bund are to be cut down
 to F.T.L.

3. Pulikaradu Tank	Rupess 355
Agriant area	acres 32
" Assessment	Rupess 105
Average revenue	" 125
Highest do	" 147

No expenditure on repairs appears to have
 taken place.

The catchment basin is reported to be
 half a square mile, which is much less
 than usually suffices to irrigate 38 to 45 acres.
 An escape 60 feet long is to be provided
 by levelling the bund to F.T.L. and it is
 mentioned that the surface of the ground
 is to be protected by tank grass, but it
 must be remembered that the grass will
 diminish by about one half the dis-
 -charging capacity of the opening, and
 that the length of opening must therefore be
 be in that case doubled; this will add
 15 Rupess to the estimate which will
 become Rupess 370.

4. Vilvarayanallur Tank	Repairs Rs 400
	Minor New Work 155
Total	Rs 555
Agriant area	acres 131
" Assessment	Rs 376
Average revenue	" 201
Highest do	" 290

Rupees 111 were expended in 1873-4, in repairing damage sustained in 1872.

The catchment basin of the tank is said to be 1½ square miles and this, especially, as part of it is intercepted by the Vasandavady tank, cannot more than suffice in ordinary seasons for the irrigation of more than the 66 acres which appear to be cultivated, and it would seem desirable to transfer a part of the Aysant from wet to dry. Surplus has hitherto been got rid of by an opening of 30 feet at one end of the bund, and for this is now substituted a pavement of dry stone 68½ feet in length.

Blackburn

Chief Engineer for Irrigation.

Colacarium
16th Sept 1845

To, The Secretary to Government
S. H. Co.

529

Heckler, J. H.

No 2749
Pro: of the Madras Government
Under date the 22nd Sept 1895
Read the following:-

Ch. Schiefelbusch for Dr. J. W. E. (18. E. 1009 1/2 N. Schiefelbusch)



100-443887-1

[Faint handwritten notes at the bottom of the page]

[illegible]

9/10/20

*Large Sign
to N.W.C.*

Papers
1945

Die 72-7-10-75

Rupces III were expended in 1873-74 in re-
-pairing damage sustained in 1872.

The catchment basin of the tank is
said to be $1\frac{1}{2}$ square miles and this, especially
as part of it is intercepted by the

Vasandam
thru out
for the v.
66 acres
and it is
- for a p.
to dry-
got rid
at one
is blue
stone 68.

S. W. 1875 Sept

No: 6148

From

The Chief Engr.
for Irrigation.

Dated 16 Sept 1875.
Recd. 24 -

C. S. No: 1069

Make an Estimate for
the repair of Antaria
tank in the Chingle-
put District.

S. O. 2749. 22-9-75.

Colacau
16 Sept

To, The Secretary to Govt.

No 529

Re: ...

No 2749

S. W.

Pro: of the Madras Government
Under date the 22nd Sept 75
Read the following:-

From
The Chief Engr. for Irrigation (H. E. No: 1069 of 16 Sept 75)

The following estimates
are sanctioned

Chingleput District

	Revenue.	Capital
Valiapoothoor Tank	Rupces 955 -	175
Inoorookambakam Tank	" 805 -	135
Pulitkaradu "	" 375 -	
Tilvarayanallur "	" 400 -	155

Attention should be given
to the remarks in the fore-
-going note reviewing the
estimates.

Colly. of Chingleput 1
Rev. Dept 1
Sup. Hy. Chingleput 5
Chingleput 35
C. S. No: 1069

35 with original papers
45 with 4 Ab Cols

SC Dispd. 7-10-75