

(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.	<i>1666</i>	Press
B.P. No.		Mis. →
Dated	<i>12-6-195</i>	<i>825</i>

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
12th June 1875.*

No. 296.

Read the following :—

No. 584.

MEMORANDUM.

District Engineer's No. 17, 25th May. The following tank estimates have been submitted by the District Engineer, Salem.

Repairing Bustee tank Rupees 392.

Ayacut area	...	...	...	...	...	Acres	28
„ assessment	...	...	...	...	...	Rupees	160
Average revenue	...	...	...	...	...	„	103

The tank was repaired four years ago at a cost of Rupees 41.

The circumstances of this tank are unfavorable. It appears to be the thirteenth and last in a series of tanks lying within a basin of eighteen square miles. It is a petty tank, and in ordinary seasons gets apparently but a very indifferent supply, while in heavy monsoons the discharge may at times be very large. There are surplus openings measuring together 151 feet, and these, if the bund be uniformly 5 feet above full tank level, will probably suffice. The repairs are all ordinary ; the rates seem to be high. Subject to the simultaneous repair of the twelve tanks above, this estimate may be carried out.

District Engineer's No. 17, 25th May. 2. Repairing Chinnamanagaram Marali tank Rupees 360.

Ayacut area	...	...	...	...	...	Acres	64
„ assessment	...	...	...	...	...	Rupees	237
Average revenue	...	...	...	...	...	„	123
Highest „	...	...	...	...	...	„	272

No repairs have been carried out in recent years. The entry in the column showing the position of this tank in the series to which it belongs is not clear. It should have been stated whether it is the fourth or fifth in the series. However, the catchment basin being only three square miles it is not surprising that, with several tanks above it, the ayacut area cannot usually be irrigated. It has a rough stone weir 54 feet long, and, if the wing revetments be 4 feet above the crest, this will suffice. The repairs are petty and may be carried out, provided the tanks above be rendered safe at the same time.

It should invariably be stated what arrangements have been made for the good order of the upper tanks of any series for one or more individual tanks of which estimates may be submitted, and it would be well to submit at one time the estimates for all the tanks of one series or of one chain in a series.

District Engineer's No. 16, 25th May. 3. Wodenhully tank Rupees 1,033.

Ayacut area	...	...	...	...	...	Acres	56
„ assessment	...	...	...	...	...	Rupees	257
Average cultivation	...	...	...	...	...	Acres	48
„ revenue	...	...	...	...	...	Rupees	234

No repairs have been done in recent years. There are several tanks above this tank, but how many is not clear. All the upper tanks must be put to rights at the same time that this lower one of the series is repaired. The catchment basin is twelve square miles, and the existing rough stone escape of 30 feet is to be lengthened to 162

Proceedings of the Madras Government, Public Works Department,
12th June 1875.

feet, and then the calculated maximum flood discharge of 2,947 cubic feet per second will be disposed of with M. W. L. at 3 feet above F. T. L. The reconstruction of a sluice is necessary, and has been already undertaken; its cistern walls are 2 feet higher than is necessary. All the work will be chargeable to Revenue.

OOTACAMUND,
3rd June 1875.

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

No. 297.

ORDER THEREON, 12th June 1875, No. 1,666.

IRRIGATION, No. 28.

THE following repair estimates are sanctioned subject to the safety of all the upper tanks of the several series being rendered safe:—

	Rs.
Bustee tank	392
Chinnamanagaram Marali tank	360
Wodenhully tank	1,033

(True Extract.)

Major, R.E.,

Offg. Joint Secretary to Government.

To the District Engineer, Salem.
" Controller of Public Works Accounts.
" Chief Engineer for Irrigation.

Irrigation.

No 584.

Memorandum.

Enclosures 11.

The following tank estimates have been submitted by the District

1 Engg's Regt - Engineer Salem,
25th May.

Repairing Bustee tank Rupees 392
Adjacent area acres - 28
" Assessment Rupees 160
Average revenue " 103

The tank was repaired 4 years ago at a cost of Rupees 41.

The circumstances of this tank are unfavorable. It appears to be the 13th and last in a series of tanks lying within a basin of 18 square miles. It is a petty tank and in ordinary seasons gets apparently but a very indifferent supply, while in heavy monsoons the discharge may at times be very large. There are surplus openings measuring together 151 feet, and these, if the bund be uniformly 5 feet above full tank level will probably suffice. The repairs are all ordinary: the rates seem to be high.

subject.

Subject to the simultaneous repair
of the 12 tanks above, this estimate may
be carried out.

2. Repairing Chinamanagaram. Instali. St. Eng. 10. 11.
Tank

Ayacut area Acres 64. Rupees 360. 25 May.

do Assessment Rupees 337

Average revenue " 123

Highest do " 272

No repairs have been carried out in recent years.
The entry in the column, showing the
position of this tank in the series to
which it belongs, is not clear. It should
have been stated whether it is the 4th or 5th
in the series. However the catchment basin
being only 3 square miles it is not sur-
prising that, with several tanks above
it, the ayacut area cannot usually be
irrigated. It has a rough stone weir 51
feet long, and if the wing weirs also be
4 feet above the crest this will suffice.
The repairs are petty and may be carried
out, provided the tanks above be rendered
safe at the same time.

It should invariably be stated what
arrangements have been made for the
good order of the upper tanks of a series.

for one or more individual tanks
of which estimates may be sub-
mitted, and it would be well to
submit at one time the estimates
for all the tanks of one series
or of one chain in a series.

St. Eng. 10. 11.
25 May.

3. Hodenhally Tank. Rupees 1033

Ayacut area Acres 56

do Assessment Rupees 257

Average cultivation acres 48

" Revenue Rupees 234

No repairs have been done in recent years.
There are several tanks above this
tank, but how many is not clear.
all the upper tanks must be put to
rights at the same time that this
lower one of the series is repaired.
The catchment basin is 12 square
miles and the existing rough stone
escape of 30 feet is to be lengthened
162 feet, and then the calculated
maximum

maximum flood discharge of 2947
cubic feet per second will be disposed
of with M.W.L. at 3 feet above F.T.L.
The reconstruction of a sluice is
necessary and has been already
undertaken, its cotern walls are
2 feet higher than is necessary.
all the work will be chargeable
to Revenue.

Submitted
off: Chief Engineer

Cotacamund
3rd June 1875

To
The off: Secretary & Cash
S.H.C.

P. W. 1875 Sept.
No: 3834

Lam.

The Offg. Chief Engr.

Dated 22. June } 1875.
Recd. 10. "

No: 584.

E. H.

Memorandum on
the estimates submitted
by the St. Engr. Salem
for the repairs of
certain tanks in, Coimbatore
Taluk.

S.O. No: 1666. 12-6-75.

N^o 296

Proceeding of the Madras Government
Read the following:-

From the ^{11/1} Chief Engineer (R.O. No: 584 dated 3rd June 1875)

G.O. No: 1666 of 12th June 1875

The following repair
estimates are sanctioned
subject to the safety of
all the upper tanks
of the several series
being rendered safe.

Buttee tank. Rupees 392

Chinnamanagaram } " 360
Marali Tank }

Todenhully do " 1033

W. 4/6

D. E. Salem 4 ✓
Capt. P. W. C. 4 ✓
Phys. Serv. 4 with 11 Enclosures ✓
se. d. 23-6-75

3834

Govt. of India

PUBLIC WORKS.

To

The Secy. to Govt.
Salem

Dated

Issued

Recd.

G. O. 12 June 1970

No 296-297

Tanks in the Dossor

Taluk, Salem. — Estimate

amounting to Rs: 1,785
for repairs to certain
sanctioned subject to the
safety of all the upper
tanks of the several series
being rendered safe.

No 296-297

Ref from art 10-b-75.