

(1) Number of pages_____

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MADRAS RECORD OFFICE

Government of Madras

Public Works

DEPARTMENT

G.O. No.	3385	Press
B.P. No.		Mis.
Dated	12-12	1876
		195

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
12th December 1876. No. 3,385.*

Read the following papers :—

No. 292. Endorsement of the Chief Secretary to Government, dated 8th December 1876, No. 2,088.

From L. R. BURROWS, Esq., Acting President, Municipal Commission, Madras, to the Hon. W. HUDLESTON, Chief Secretary to Government, dated Madras, 6th December 1876, E No. 552.

I HAVE the honor to suggest, for the consideration of Government, that an opportunity should be taken during the prevailing scarcity to employ labor for the deepening of the Nungumbaukum tank, and carrying out the works necessary for securing an increased supply of water in this and the adjoining Mylapore tank.

2. The condition of these tanks has long been under the consideration of Government, and in their orders marginally noted

G.O., 27th July 1873, No. 777, Rev. Dept. they have recognized the desirability of
" 14th Oct. " " 1,107, " " improving them. In order to make these
" 12th Oct. 1876, " 1,469. " tanks useful to the community their beds

should be made lower, and a supply-channel led from the Cooum or Adyar to fill the tanks on the occasion of freshes. With reference to the supply-channel, I beg to quote the following from a letter, dated 14th November 1872, from the Collector of Madras to the Secretary to the Revenue Board, printed in Government Proceedings, Revenue Department, 24th July 1873 :—

" The Tahsildar of Sydapet suggests that the source of supply to the said Mylapore tank can be improved by the construction of an anicut on the Viradakshira nadi (Cooum) river, which runs to the north of the village of Maduravoyal, and by bringing the said water through the Maduravoyal tank and the madugoo (sluice) in the limits of Nerkunrum, and so on through the Nungumbaukum tank lying within the limits of the Madras District to this tank."

3. There would not be any benefit by merely deepening the Nungumbaukum tank unless an increased supply could be secured, but if this can be done (and the passage which I have quoted from the Collector's letter seems to show that there is no difficulty about it) the deepening of the tank would be a really useful public work, and it cannot be denied that it is a work admirably adapted for the employment of famine coolies.

TRANSFERRED to the Public Works Department.

(Signed) W. HUDLESTON,
Chief Secretary.

No. 292-A.

MEMORANDUM.

THE extent to which Mr. Burrows' proposal for deepening the Mylapore and Nungumbaukum tanks can be carried out depends probably upon the space between the bund and the ditch out of which the earth for the bund has been taken.

2. Annexed is an approximate section of the Mylapore tank bund and ground.

3. The widening of the bund 9 feet without raising would absorb about 10 cubic yards of soil to the yard run, and a mile of such widening would occupy 350 people for thirty days.

*Proceedings of the Madras Government, Public Works Department,
12th December 1876. No. 3,385.*

4. It is improbable that the water levels could be raised, and, if not, there would be but little use in raising the bund; 4 feet of raising would require 4 cubic yards to the yard run, and would employ 140 coolies for thirty days for each mile.

5. The bunds of the two tanks are about 5 miles in length, and the work would occupy therefore—

Widening $350 \times 5 = 1,750$ people 1 month.
 . Raising $140 \times 5 = 700$ do. 1 do. .

The additional storage without raising the water level would be nominal, but as the ditch would be either wider or deeper or both, the pool would take somewhat longer to dry up.

6. Wells outside, but in the neighbourhood of the tanks, would be preferable to wells inside the tanks.

7. It would be perfectly feasible to cut a supply-channel from either the Cooum or the Adyar. The difficulty is that in seasons of short rainfall such a channel would be nearly, if not quite, useless, and in good years the tanks fill from the catchment basin drainage.

8. The best source of supply for the Mylapore and Nungumbaukum tanks would be the Chembrumbaukum tank, which is connected with the Cortiliar and the Palar indirectly, but the Chembrumbaukum tank is dry this year.

(Signed) JOHN MULLINS, Lt.-Col., R.F.,

Chief Engineer for Irrigation.

9th December 1876.

No. 293.

ORDER THEREON, 12th December 1876, No. 3,385.

CIVIL WORKS, No. 21.

COLONEL MULLINS' memorandum shows that the Madras tanks cannot afford employment to any considerable body of men for a lengthened period.

2. His Grace the Governor in Council considers that employment for the distressed poor can best be found by authorizing Colonel Moberly to carry out, from Relief Funds, as many sanctioned Repair and Minor New Works as cannot be provided with funds from the Irrigation Budget Grant. This course will accordingly be adopted in Chingleput and all other distressed districts.

(True Extract.)

Major-General, R.E.,

Secretary to Government.

To the District Engineer, Chingleput.
" Revenue Department.

Revenue Department.

" Financial Department.
" Chief Executive.

" Chief Engineer for Irrigation.
To all other District Engineers.

To all other District Engineers.
Exd. S. T. Austin

Exd. S. T. Austin.

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Applicants entering Bureau - may be pre-

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U. S. Army Medical Hygiene to Cuba

Colonel Mullens Memo.
shows that the Maiden
Forks cannot be looked
upon as affording employ-
ment to any consi-
derable body of men
for a lengthened pe-
riod - They have
lately been put into
thorough repair, and
not require much be-
ing done to them -

It is suggested that
employment for Wad-
lers can best be
found by authorizing
Colonel Inceby to employ

cut from chief funds
 as many sanctioned
 repairs need
 Stephen Works no contract
 to be provided with
 funds from his office
 entering Budget. From
 a small grant
 small bill
 Disbursements
 9/12
 Approved - An order
 to this effect would
 be useful in all
 disbursements
 9/12

Approved - An order
 to this effect would
 be useful in all
 disbursements
 9/12

Yards to the yard run and would
employ 140 coolies for 30 days for each
mile

The bases of the two tanks are about
5 miles in length and the work would
be done by them for

Requiring $350 \times 5 = 1750$ people 1 month
Raising $140 \times 5 = 700$ do 1 do.

The artificial storage without
raising the water level would be
nominal, but as the ditch would
be either wider or deeper or both,
the work would take somewhat longer
to dry up

Wells outside but in the neighbourhood
of the tanks would be preferable to
wells inside the tanks.

It would be perfectly feasible to cut
a deep channel from either end
down to the Ashgar. The difficulty
is that in seasons of short rain falls
such a channel would be nearly if
not quite useless and in good years the
tanks fill from the catchment basin

drainage

The best source of supply for the Mayafere
and Chumburankum Tanks would
be the Chumburankum Tank which
is connected with the Gortilian & the
Palar indirectly, but the Chumburankum
Tank is dry this year.

By 9/12/76

NB

E. N 552

Madras Municipality
Executive Engineers' Office

Madras 6th December 1876

From
L. R. Burrows Esq
Acting President Muncpl Comm
Madras

To
The Honble W. H. Duddleston
Chief Secretary to Government
Madras

Sir I have the honour to suggest
for the consideration of Government that an
opportunity should be taken during the
prevailing scarcity to employ labour
for the deepening of the Kungumbakon
Tank and carrying out the works ne-
cessary for securing an increased
supply of water in this and the ad-
joining Mylapoor Tank.

The condition of these
tanks has long been under the con-
sideration of Government and in

G.O. 27th July 1873 Rev. Dypt. } their orders marginally noted
G.O. 14th Oct 1873 Rev. Dypt. } they have recognized the de-
G.O. 12 Oct 1876-1879 } -sirability of improving them.

In order to make these tanks useful
to the community their beds should
be

be made lower and a supply Channel
led from the Coorn or Mylar to fill
the tanks on the occasion of freshes.
With reference to the supply Channel
I had to quote the following from
a letter dated 14th November 1872
from the Collector of Madras to the
Secretary to the Revenue Board
printed in Government Proceedings
Revenue Department 24th July 1873.

"The Tahsildar of Sydappet suggests
that the source of supply to the said
Mylapore Tank can be improved
by the construction of an ament
on the Viradakhidimadi (Coorn)
river, which runs to the north of the
Village of Maduravoyal, and by
bringing the said water through
the Maduravoyal Tank and the
Madugoo (Sluice) in the limits of
Kerintur, and so on through
the Kungumbakur Tank lying
within the limits of the Madras
District to this Tank."

3. There would not be any
benefit by merely deepening the
Kungumbakur Tank unless an
increased supply could be secured,
but

but if this can be done (and the
passage which I have quoted from
the Collector's letter seems to show
that there is no difficulty about it)
the deepening of the tank would
be a really useful public work
and it cannot be denied that it
is a work admirably adapted for
the employment of famine coolies.

I have the honour to be
Sir,

Your most Obedt. Servant

W. H. Murray
Acting President
Munf. Commission

P.W.D.

11 DEC 76

No

to

Hand 1976 2/12/76
Mun. C. (1976/11)
The City Engineer
The City Engineer
The City Engineer

to the Chief Secretary to
Government, Madras

dated 3/12/76

to the City Engineer

No 29/76

1976

Reports that the Mangam
bunkers and water tanks
may be damaged by fire
or other causes during the
present season. No 29/76

to the City Engineer

to the City Engineer

to the City Engineer

to the City Engineer

No 3385

Public Works Department

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Under date the 12 Dec 76
Read the following:—

From
President.
Municipal Commissioner
Madras
The Engineer
Memo by Chief Engineer
Section
Colonel Mullins

W.C.

Memorandum shows
that the Madras Sanks
cannot afford employ-
ment to any consider-
able body of men for a
lengthened period, as they
have lately been put into
thorough repair, and do
not require more being
done to them. His Grace
the Governor in Council
considers that employ-
ment for the distressed
poor can best be found
by authorizing Col. Prothery

No 29/76

to carry out from Relief
 Funds, as many small
 -sided Repair and
 Minor new works as
 cannot be provided with
 funds from the Irriga-
 -tion Budget grant.

This course will accord-
 -ingly be adopted in
 Chingleput and all
 other distressed Districts.

C.M.W.

No 292/3

7.11.12 Cir 12-12-76

2992



Govt. of Madras.

PUBLIC WORKS.

To

The District Engineer
 Chingleput

Dated

Issued

Recd.

Encl.

G. O. 12-12-1876, No. 888

Nos. 292/3

Public Relief Works—

Instructions issued to carry
 out from Relief Funds all
 small sanctioned repairs
 and Minor new works
 as can be provided from
 the Irrigation Budget Grants.

Done by