M.R.O. 1—10,006—28-2-50.

(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. 1727-28 Press
~~B.P. No.~~ ~~Mis.~~

Dated 7 - 7 - 1956 ~~195~~

Not to be folded or roughly handled

Read the following papers :—

No. 70 W.

No. 123. *Note by the Chief Engineer for Irrigation.*

In G.O., of the 11th August 1875, No. 2,322, an estimate of Rupees 17,100 was sanctioned for constructing a set of surplus sluices in the surplus weir of the Red Hills Tank, Madras Water Works, and it was considered so desirable that this work should be carried out as soon as possible that, notwithstanding the desire of the Government of India that expenditure on this project should be restricted as much as possible, and entirely to emergent work, the immediate preparation of materials was authorized "so as to admit of the sluices being completed next working season."

2. In his letter, No. 5,071, of the 28th March last, the Superintending Engineer, Chingleput, asked for instructions as to the completion of the sluices in the weir, and, in reply, information was asked for as to the need of instructions, seeing that the intentions of Government appeared to be plain as to the expenditure in 1875-76 on the sluices, and as to the correspondence of the Budget provision of 1876-77 with the requirements of the work for this year.

3. In reply, the Superintending Engineer reports that he understood the order of August 1875 to authorize only the collection of materials; but as the working season commenced as soon as the tank water became low enough, and as this season would be none too long for the completion of the sluices before a fresh supply of water for the tank might be expected to be available, *i.e.*, in July at latest, it is evident that the Superintending Engineer was under a misapprehension, which the wording of the G. O. ought to have prevented. The collection of materials, moreover, was not the expression used in the order, but their preparation; and accordingly the Superintending Engineer did set to work to prepare materials, *viz.*, the cut stone work for the flooring, piers, and abutments. Paragraph 4 of the memorandum on the estimates showed again that the constructive work would require to be undertaken as soon as the water in the tank was low enough and completed as quickly as practicable, and it was to this end that the immediate preparation of materials was authorized.

4. Again, with his letter, No. 1,620, dated 26th July 1875, the Superintending Engineer furnished a list of works for which funds were required in 1875-76, and for these sluices Rupees 17,100 were entered, and accordingly in G.O., No. 3,634, dated 27th December 1875, it was resolved to apply to the Government of India for a supplemental grant under Ordinary for this among other works.

5. It will be seen from the Superintending Engineer's later letter that Rs. 5,575 were expended last year on materials for the sluices, but that his Budget Estimate exhibited no computed expenditure up to the 31st March, and that he made no provision for the completion of the work in 1876-77. He has not explained how this proceeding was in his view reconcilable with the terms of the order of August 1875.

6. In the Budget Orders* of the Government of India, the provision for the Madras Water Works and Chembrumbaukum Tank Project has been reduced to Rupees 44,942 conjointly from, for the—

* Dated 27th March 1876.

	RS.
Madras Water Works	77,476
Chembrumbaukum Tank	23,496
	1,00,972

The items for the former were—

	RS.
1. Anicut and head works, anicut extension	3,376
2. Main canals and branches, Cholaveram tank supply channel.	37,700
N Tanks and Reservoirs.	
Cholaveram tank	1,000
Red Hills tank	9,000
Do. distribution	26,400
	77,476

The sum under anicut extension is the balance of the sanction which included the raising of the wing walls—a work which ought to have been carried out concurrently with the extension.*

* Sanctioned in G.O., No. 2,132, dated 26th August 1873.

The expenditure contemplated on the Cholaveram tank supply channel was for affording adequate means of disposing of surplus, raising and strengthening the channel banks, &c., to prevent a recurrence of the serious and extensive damage sustained by the channel each time that a heavy fall of rain has occurred. The designs and estimates for the requisite works have not yet been submitted, but a draughtsman has been detailed from the beginning of last month to assist in their more speedy preparation.

The sum for the Cholaveram Tank provided for adjusting the level of one of the surplus weirs and clearing and lowering the ground in its neighbourhood, this weir being at present not fully effective.

The entries for the Red Hills Tank were for completing the surplus weir Rupees 4,000, its crest being at present below full tank level, and for improving the drainage or surplus channel Rupees 5,000. For the latter item no estimate has yet been received.

The provision of Rupees 26,400 for distribution works is the amount of estimates prepared but not yet submitted for sanction. The provision in the sanctioned estimate amounts to Rupees 25,000, and Rupees 1,404 are entered in the Budget as computed expenditure up to the 31st March last; so it would appear that 27,404 Rupees are now the estimated cost of the distributaries, or nearly 10 per cent. in excess of the lump sum provision. Nothing can be done towards improving and extending the distribution until the estimates which will form an item of the revised estimate for the project have been sanctioned.

7. The Superintending Engineer applies for the following sums:—

	RS.
Completing the under sluices of the surplus weir, Red Hills Tank, being the balance of the sanction	11,525
Completing the surplus weir do.	3,800

Proceedings of the Madras Government, Public Works Department,
7th July 1876. *No.* 1,728.

and it was, as regards the former work for which he had made no provision in his Budget Estimates, incumbent upon him to report from what other items for which provision had been made the transfer of the sum required could be met. The Government of India having reduced the allotment for the project, the Superintending Engineer's omission is not of much consequence, and only an arbitrary apportionment of funds can be made. As far as the undersigned can judge, the allotment for the Chembrumbaukum Project will not need to be large, and the following entry will not be required:—Kesavaram anicut extension Rupees 10,850, as it is not intended to recommend the sanction of the extension, and Rupees 12,000 will probably suffice for all work which must be done this year, leaving Rupees 32,942 for the Madras Water Works.

8. The Government of India have repeated their request that expenditure on the Madras Water Works Project may be restricted to work which is necessary to prevent loss arising from operations being suspended, and the undersigned would request orders as to whether the sluices are to be gone on with, and the surplus weir raised to its full height. The difficulty which has been experienced this year in connection with the water supply of Madras appears to render it desirable that the crest of the escape weir should be raised to its full height, so that a full supply of water may be retained, and it will hardly be prudent to retain water to the full level of 15 feet above the former level of the unenlarged tank without at the same time providing by the sluices the means of lowering the water if necessary, and of discharging surplus through the sluices instead of entirely over the weir, which latter arrangement involves the rise of the water above full tank level.

Budget Orders, paragraphs 4 and 11.

OOTACAMUND, 11*th May* 1876.

(Signed) JOHN MULLINS, Lt.-Col., R.E.,
Chief Engineer for Irrigation.

No. 123-A. Telegram from Colonel F. J. MOBERLY, R.E., Superintending Engineer, Chingleput, to Major-General G. W. WALKER, R.E., Secretary to Government, Public Works Department, Ootacamund, dated 17th June 1876.

RED HILLS coffer dam finished. Weir masonry removed. Materials ready. Sluices should be completed by end of July.

No. 123-B. From Colonel F. J. MOBERLY, R.E., Superintending Engineer, Chingleput, to Major-General G. W. WALKER, R.E., Secretary to Government, Public Works Department, dated Camp at Thamarapakam Anicut, 17th June 1876, No. 989.

IN forwarding copy of a telegram which I have this day sent to your address, I have the honor to report that the wall of the Red Hills Tank weir has been fully opened, and that in the course of to-day I hope the foundation surface will be levelled ready to receive the cut stone floor of the new sluice on Monday.

2. The floor and the abutments and piers are all ready on the adjacent ground, and have only to be carried to the weir and built.

3. I have urged the Range Officer to use expedition, and think that everything may be easily finished by the end of July.

Proceedings of the Madras Government, Public Works Department,
7th July 1876. *No.* 1,728.

No. 124. ORDER THEREON, 7th July 1876, No. 1,727.

IRRIGATION, No. 9.

HIS GRACE the Governor in Council has given careful consideration to the circumstances under which the construction of the sluices in the surplus weir of the Red Hills Tank, Madras Water Works, is reported to be of urgent importance. They are evidently necessary to its safety and therefore to the security of the water-supply. In G.O., of the 11th August 1875, No. 2,322, the immediate preparation of materials was authorized, and having regard to the expenditure already incurred upon them, and to the fact that it is important that they should be built while the coffer dam erected for the purpose is in good order, and before the autumn monsoon, His Excellency the Governor in Council is of opinion that these sluices should be at once completed. The Superintending Engineer will therefore be instructed to complete the sluices, which it is observed from the telegram recorded in these Proceedings he considers should be finished by the end of July. He will report the date of completion in due course, or should they not be finished as expected, he will report their state of progress on the 1st August.

2. According to the Superintending Engineer's Progress Report for March, the expenditure up to the close of the past official year was Rupees 5,575, and the balance of the estimate,* *viz.*, Rupees 11,525 are placed at the Superintending Engineer's disposal from the grant made by the Government of India for the Madras Water Works and Chembrumbaukum Tank in their Budget Orders.

* Rupees 17,100.

Budget Orders, dated 27th March 1876, paragraph 5.

3. Ordered that a copy of these Proceedings be transmitted for the information of the Government of India.

(True Extract.)

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

No. 125. DOCKET No. 1,728, dated 7th July 1876.

COPY of the above forwarded to the Government of India.

(True Extract.)

Colonel,
Offg. Under Secy. to Govt., P.W.D.,
for *Secretary to Government.*

Exd. E. C. Shunker.

Spare Copies

Note by the Chief Engineer for Irrigation

In G. O. of the 11th August 1875, No. 2322, an estimate of Rupees 17,100 was sanctioned for constructing a set of surplus sluices in the surplus weir of the Red Hills tank, Madras Water Works, and it was considered so desirable that this work should be carried out as soon as possible that, notwithstanding the desire of the Government of India that expenditure on this project should be restricted as much as possible, and entirely to emergent work, the immediate preparation of materials was authorized "so as to admit of the sluices being completed next working season."

2. In his letter No. 5071, of

the 28th March last the Superintending Engineer, Chingleput, asked for instructions as to the completion of the sluices in the weir, and in reply information was asked for as to the need of instructions seeing that the intentions of Government appeared to be plain, as to the expenditure in 1875-76 on the sluices, and as to the correspondence of the Budget provision of 1876-77 with the requirements of the work for this year.

3. In reply the Superintending Engineer reports that he understood the order of August 1875 to authorize only the collection of materials, but as the working season commenced as soon as the tank water became low enough said as this season would be too long for the completion of the sluices before a fresh supply of water for the tank might be expected to be available i.e. in July at latest, it is evident that the Superintending Engineer was under a misapprehension which the wording of the G.O ought to have prevented. The collection of materials, moreover, means not the expenditure next on the works, but their preparation; and accordingly the Superintending Engineer did set to work to prepare materials viz the cut stone work for the flooring, piers and abutments. Para 4 of the memorandum on the estimates showed again that the construction work would re

-gnire to be undertaken as soon as the water in the tank was low enough and completed as quickly as practicable, and it was to this end that the immediate preparation of materials was authorized.

4. Again with his letter No 1620 dated 26 July 1875 the Superintending Engineer furnished a list of works for which funds were required in 1875-76 and for these sundries Rupees 17,100 were entered, and accordingly in G. O. No 3634 dated 27 December 1875 it was resolved to apply to the Government of India for a supplemental grant under ordinary for this among other works.

5. It will be seen from the Superintending Engineer's later letter that Rupees 5,575 were expended last year on materials for the sluices, but that his Budget estimate exhibited no computed expenditure up to the 31st March and that he made no provision for the completion of the work in 1876-77. He has not explained how this proceeding was in his view reconcileable with the terms of the order of August 1875 and in

* dated 27 March 1876.

6. In the Budget orders of the Government of India the provision for the Madras Water Works and Chembarambakkam Tank project has been reduced to Rupees 44,942 consisting from for the

Madras Water Works Rupees	77,476
Chembarambakkam Tank. "	23,496
	1,00,972

The

The items for the former were

1. Anicut and head works

Anicut extension Rupees 3376

2. Main Canals & branches

Cholaveram Tank supply Channel " 37,700

N Tanks and Reservoirs.

Cholaveram Tank ——— " 1,000

Red Hills Tank ——— " 9,000

— do — distribution — " 26,400

77,476

The sum under anicut extension is the balance of the sanction which included the raising of the wing walls, a work which ought to have been carried out concurrently with the extension.

* sanctioned in G.O. No. 2132 dy 26th August 1873.

The expenditure contemplated in the Cholaveram tank supply channel was for affording adequate means of disposing of surplus, raising and strengthening the chan banks &c to prevent a re -currence of the serious a extensive damage sustain by the Channel each tim that a heavy fall of rai has occurred. The designs estimates for the requisi works have not yet been submitted, but a draught has been detailed from th beginning of last month assist in their more speed preparation.

The sum for the Cholaver Tank provided for adjust the level of one of the s -plus weirs and clearing o lowering the ground in it neighbourhood, this weir being at present not full effective.

The entries for the Red Hi

Tank were for completing the surplus weir Rupees 4,000, its crest being at present below full tank level and for improving the drainage or surplus channel Rupees 5,000. For the latter item no estimate has yet been received.

The provision of Rupees 26,400 for distribution works is the amount of estimates prepared, but not yet submitted for sanction. The provision in the sanctioned estimate amounts to Rupees 25,000 and Rupees 1,404 are entered in the Budget as computed expenditure up to the 31st March last, so it would appear that 27,404 Rupees are now the estimated cost of the distributaries or nearly 10 per cent in excess of the lump sum provision. Nothing can be done towards improving and expending the distribution until the estimates which will form an item of the revised estimate for the project have been sanctioned.

The Superintending Engineer applies for the following sums.

Completing the undersluices of the surplus weir, Red Hills Tank, being the balance of the sanction.	Rs. 11,525
Completing the surplus weir ——— do ———	3,800

and it was, as regards the former work for which he had made no provision in his Budget Estimates, incumbent upon him to report from what other items for

which provision had been made the means for of the and required could be met. The Government of India having reduced the allotment for the project, the Superintending Engineer omission is not of much consequence, and only an arbitrary apportionment of funds can be made. As far as the undersigned can judge, the allotment for the Chembrumbaukum project will not need to be large and the following entry will not be required.

Kelavaram Anicut extension Rs. 10,850

as it is not intended to recommend the sanction of the extension, and Rupees 12,000 will probably suffice for all work which must be done this year leaving Rupees 32,942

for the Madras Water Works

Budget orders paras 4 & 11

8. The Government of India have repeated their request that expenditure on the Madras Water Works project may be restricted to work which is necessary to prevent loss arising from operations being suspended, and the undersigned would request orders as to whether the sluices are to be gone on with, and the surplus weir raised to its full height.

The difficulty which has been experienced this year in connection with the water supply of Madras appears to render it desirable that the crest of the escape weir should be raised to its full height so that a full supply of water may be retained, and it will hardly be prudent

No 4986

~~to retain water to the full~~
level of 15 feet above the former
level of the ~~enlarged~~ tank
without at the same time
providing by the sluices
the means of lowering the
water if necessary, and of
discharging surplus through
the sluices instead of entirely
over the weir, which latter
arrangement involves the
rise of the water above full
tank level.

I am
Lt. Colonel R.E.,
Chief Engineer for Irrign
Act. appointed by
11th May 1876

Yours
The Secretary to Govt. P.W.

FORMER CASES.

R No. 27CN. of 1876.
R " 24CN " 176
R 1438 75
Sr. Eb Aug 73. No 2132
1 May 75. 1227.
11 Aug 75. 2322
27 Dec 75. 3624
Employees

ISSUE No.

Dated 11th May 1876

LATER CASES.

R No. 40CN. of 1876.
" "

Sent to Government with No. W. of
18
Printed with G. O. No. dated ENCLOSURES.

REMINDERS ISSUED.

No. 1, dated 187 .
" 2, " "
" 3, " "
" 4, " "
" 5, " "

No 123

Re Ci - 29.6.76 Rec'd 7.7.76
Re Ci - 20-6-76 Rec'd 29.6.76
Ci. 7.6.76 Rec'd 19-6-76
En. Sketch 4 pmes

KEEP WITHS.

Issue Case.

I. E. Form No. 81.

P. W. 1876. Department No. 4986

From
The Chief Engineer for Irrigation.

~~RECEIPT No.~~

Dated 11th May 1876.
~~Received~~ 12th July 1876.

No. 70 W.

Subject:—

Surplus sluices in the surplus weir of the Red Hills Tank, Madras Water Works - Note on the construction of the ——

Red Hills Coffer dam finished. Weir Masonry removed. Materials ready. Sluices should be completed by end of July.

J. Thackeray Colonel R.E.
Superintending Engineer
Chingleput

No 989 Supdg Engrs Office Chief's
Camp Thandarapatti Kdai Aniee
15th June 1876.
Desp'd 21st — " —

From
The Superintending Engineer
Chief Dept

To
The Secretary to Government
Department Public Works.

Sir,

In forwarding copy of a telegram which I have this day sent to your address I have the honor to report that the wall of the Red Hill tank weir has been fully opened and that in the course of to-day I hope the foundation surface will be levelled ready to receive the cut stone floor of the new sluice on Monday.

2. The floor and the abutments and piers are all ready on the adjacent ground, and have only to be carried to the weir and built.

3. I have urged the Range officer to use expedition and think that every thing may be easily finished by the end of July.

I

Encl:
1 Copy of Telegram

No 989 dated 15th June 1876
Superintending Engineer
Chief Dept
to
Secretary to Govt Public Works
Dept
Forwarding copy of a letter
from the Supdg Engineer
Chief Dept to the

No 4459/91.

I have the honor to be

Sir

Your most obedient Servant

Colonel R.E.

Supt Engineer Chinglepet

287-6-76 No 1415

P.W. 1876 Defpt.
No: 4459

From
The Supdg. Engineer
Chingleput Dn.
To, The Secy. to Govt.
P.W. Depmt.

Dated 17th June 1876
Read 21st "
Rec'd 22nd "
No 969.

Submits report
on the progress of
the Red Hills & Cholavaram
dams and its rema-
-rks thereon.

Remark
Ag. 27/6

S.E. Chingleput
C. Eftn D.
Dept to 23-6-76

Cir

E. I. Form No. 22.

13

Public Works Department.

PROCEEDINGS of the MADRAS GOVERNMENT.

UNDER date the

Read the following :—

Note by Chief Engr for Irrign — dated 11th May 1876
Telegram from Supdg Engr Chingleput — 17 June 76.

His Grace the Governor in Council having given careful consideration to the circumstances under which the construction of the sluices in the surplus weir of the Red Hills Tank, Madras Water Works was sanctioned in G.O. of the 11th August 1875 No: 2322, and the immediate preparation of Materials authorized, and having regard to the expenditure which has

had already been incurred upon them and to the fact that the river wall had been taken down and a coffer dam built it is of opinion that the completion of the sluices is necessary for the safety of the Work and for regular & full supply of water to the bottom under kirk. The Superintending Engineer will therefore be instructed to complete the sluices which it is observed from the telegram recorded in these Proceedings he considers should be finished by the end of July. He will report the date of completion in due Course, or should they not be finished at

ort expected. He will report their state of progress on the 1st August.

2. According to the Superintending Engineer's progress report for March the expenditure up to the close of the fasli official year was Rupees and the balance of the Estimate viz. Rupees are placed at the Superintending Engineer's disposal from the allotment made by the Govt. of India for the Madras Water Works and Chembrambakkam Tanks and distributed in para × of G.O.No. × dated × between these two projects.

3. Ordered that a Copy

Copy of this Proceedings
has been transmitted for the
information of the Govt
of India.

H.E.M. dated
the 27/6.

Mr Jones to forward.

Copy

S. E. Chunglebeck. Esq
Ex. P. W. D.
C. E. for I.
Rambeph

X

15

Recirculated for orders with reference
to the accompanying telegrams
to and from the Superintending
Engineer, Chunglepet.

All water which is likely
to reach the tank before the
setting in of the N.E. monsoon
in October will probably
be conserved, being retained
by the coffer dams.
There can hardly, it is thought,
be room for doubting the economy
of incurring the cost of completing
the sluices, if thereby water can
be safely retained at the full
Tank level of the project, instead
of at a level 2 or 2½ feet lower.
The value of the water retained
between the two levels would
be greatly in excess of the interest
on the cost of the sluices from
first to last, and it has to be
remembered that more than
half the estimated cost of the

Madras Water Works
Red Hills Tank
Surplus Sluices in Weir.

The Papers circulated give
the impression that nothing
had been done beyond the
collection of preparation of
material — if now appears
that the weir wall is removed
& coffer dams constructed —
& some Masonry should be
completed — and the real
question of work been set-
forth I should not have
suggested further enquiries

Some representation
should be made to G.J.V. that
the completion of the sluices
& weir wall (which cannot
be done until sluices are complete)
& some consequent works join

sluices has already been
spent in preparing the cut
stone work, Constructing the
Coffer dam, and removing
the weir wall.
As the case stands, it would
appear to be advisable that the
Submitting Engineer
should be instructed to
go on with the work, and
complete the sluices at
the earliest possible date.

The expenditure upto 31 March
last had amounted to between
586 thousand Rupees.

Safety of maintenance
of supply

19 June 76

Note by the Chief Engineer for Irrigation
W. W, dated 11th May 1876..

FOR ORDERS.

H Hutchinson Lt. Colonel R.E.
Joint Secretary to Govt.
P.W.D.

6/6

Irrig has been lost = Sfear
the Superintg. Engr. for
letter of 28/3 + 2 now re
ceived the 12/6 = to have
time & complete before
the freshes?
If so the order
the work to be carried on
12/6 WW

I would go on with the
channel & divide the dam being
wier to its full height
I think that altho it
may not come within the
definition of Irrig. Works
as a work undertaken to provide
for existing known wants

being suspended the
Security of the City's
Water-supply unless
the proposed works were
undertaken -

P.H.C
11/6

I believe the Tank
will be ultimately
extended towards Barnet
(Chairman: the
Engineer is already
negotiating for a small
piece of land for this
purpose) but that
for the time the Tank
will be quite adequate
for many years to come
unless unforeseen
circumstances should arise
to render it
otherwise necessary

Whether Barnet should
be joined in future with
or distinct from the Common
supply with
the same Authority
is a matter for
Parliament to decide
The Water Supply will
be the same in
either case

The works necessary
to carry out the
Barnet Scheme are
of a simple character
and will not be
difficult to construct
The Tank = Tower only
will require care
Then Pipe Laying

19
accordingly
Barnet Council
any application
P.C 13/6

FOR ORDERS.

20 11

No. 1727 Public Works Department.

PROCEEDINGS of the MADRAS GOVERNMENT.

UNDER date the 7 July 1876.

READ the following:—

Note by Chief Engr for Irrign. — C. to G. dated 11th May 1876 No 706 Irrign.
Telegram from Supg. Engr. Chingleput — " " 17th June 1876.
Ditto Supg. Engr Chingleput — " No 989 — do —

His Grace the Governor in Council has given careful consideration to the circumstances under which the construction of the Annicut in the Pumpkin weir of the Red Hills Tank, Madras Water Works is reported to be of urgent importance. They ~~were fearful of the original design of the last~~ ~~August~~ Tank and are evidently necessary to

[This paragraph is not in accordance with the facts - The Annicut was not a part of the original design -]
Hy.

to its safety and therefore to the security of the Waters supply. In G. O. of the 11th August 1875 No: 2322 the immediate preparation of materials was authorised, and having regard to the expenditure already incurred upon them, and to the fact that it is important that they should be built while the Coffer dam erected for the purpose is in good order, and before the Autumn Monsoon, His Excellency the Governor in Council is of opinion that these Sluices should be at once completed

completed. The Superintending Engineer will therefore be instructed to complete the Sluices, which is to be observed from the letters and recorded in these Proceedings he considers should be finished by the end of July. He will report the date of completion in due course, or should they not be finished as expected, he will report their State of progress on the 1st August.

2. According to the Superintending Engineers progress Report for March the Expenditure

expenditure up to the close of the past official year was Rupees 5875- and the balance of the Estimate Rs 11525- are placed at the Superintending Engineer's disposal from the allotment made by the Government of India for the Madras Water Works and Chembrumbaukum Lank in their Budget Estimates for 1876-77 dated 27th March 1876 para 5.

× Rs 17,100.

3. Ordered that a Copy of these Proceedings be transmitted for the information of the Govt. of India.

No. 1728 dt. 7 July 1876

44.5/7

Copy of the above forwarded to the Government of India.

S.E. Chingleput ✓
Ex. P.W.A. ✓ 5
C.E. for I ✓ 5
Rev. Dept ✓ 2 Dated 8/7/76

Urgent

2- According to the Supdg Engineer's progress report for March the expenditure upto the close of the past official year was Rs 55,7..

×Rs 17,100 and the balance of the estimate viz Rs 11,325 are placed at the Supdg Engineer's disposal from the allotment made by the Government of India for the Madras Water Works and Chembrumbankum Tank and distributed in Govt Order of P.W.D. dated between these two projects.

Budget Orders - dated 27th March 1876. Govt o.

Draft m—
Red Hill Tank — Surplus
to Sluice in — We cannot
for can C. fill up blank—
Can You? If not, revise
Sentence, please, or shall
be omit from "Tank"? or leave open?

4986
4400 A
4457

Govt. of 1876 Madras.

PUBLIC WORKS.

To

The Superintg Engr Chengalpat

Dated

Issued

Recd

Encl.

G. O. 25th July 1876, No. 1727

1775

Nos 123 @ 125

Forwarding copy of Proceedings passed on the subject of the construction of Sluices in the Surplus Weir of the Red Hills Tank. Madras Water Works - Chengalpat

Passing orders on papers relating to the construction of the —