

(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. 2124-25	Press —Mis.—
672 74	
Dated 30-6-	1869.

Not to be folded or roughly handled

(1)

*Proceedings of the Madras Government, Public Works Department,
30th June 1869.*

No. 672. Read the following letter from the Superintending Engineer, 6th Division, to the Acting Chief Engineer for Irrigation and Joint Secretary to Government, Public Works Department, dated Tanjore, 18th May 1869, No. 230:—

WITH reference to G O, No. 1,413, dated 30th April, I have the honour to inform you that the estimate of Rupees 81,880 provided for the restoration of the portion of the anicut which was destroyed in 1865. In restoring this portion of the anicut, the work was made far stronger than the original work, and the rear apron was extended; but as the work was one of restoration, I presume that the expenditure on this portion of the work should be charged against the ordinary grant

Rupees 81,328-8-10.

2. The other two works provide,—first, for extended aprons with deep retaining walls to the sluices; and second, for the same to the rest of the south branch and for a deep solid front retaining wall, and for providing rough stone to protect the extended apron. It has been determined not to put in the up-stream or front retaining wall, and, with the exception of providing some of the rough stone, these works

* No	Estimate RS	Expenditure RS. A P
40	81,880	81,328 8 10
41	16,000	17,495 2 6
42	70,400	46,018 13 5

have been completed, and the expenditure has been as per margin * The remaining portion of the stone might be supplied under Repairs; but the expenditure already incurred under 41 and 42

should, I think, be charged to extraordinary, as there is no doubt that the stability of the work has been very much augmented, and the risk of destruction much reduced by the additions and improvements provided for in Nos. 41 and 42, as reported in my letter, No. 793, of 31st October 1868.

From the Superintending Engineer, 6th Division, to the Chief Engineer for Irrigation and Joint Secretary to Government, Public Works Department, dated Tanjore, 31st October 1868, No. 793.

WITH reference to G O, No. 3,215, dated 12th October, I have the honour to afford the information required relative to the works referred to in paragraphs 7, 8, and 9 of Colonel Dickens's letter

2 The works adverted to in paragraph 7 are those connected with the lower anicut. The estimates provide for re-building the portion of the anicut which was destroyed in 1865, for extending the pavement apron, and providing it with a deep solid retaining wall, so as to stop any leakage through the old work, and for forming an extended apron of rough stone

These works have very materially increased the strength of the anicut, and have lessened the risk of destruction, and should, I think, be regarded as New Works No. 43, to which exception is taken, provides for collecting rough stone for the season of 1867-68, and was entered in the Budget of 1867-68, submitted from this Office in October 13th 1866

The estimate of Rupees 30,800 was not submitted till November 1866, and the sum of Rupees 17,850 required for stone was added to the estimate in the Government Office. This Rupees 17,850 provided for all the stone required for the protection of the anicut, and when it was sanctioned, the Rupees 7,500, entered in the Budget of 1867-68 from this office, should have been struck out, for the stone is actually provided for in No. 42. Sanction is not, therefore, required for No. 43.

No. 967 in G O, No. 3,774, 28th November 1866

*Proceedings of the Madras Government, Public Works Department,
30th June 1869.*

The stone is brought down to the anicut when the river is in flood, and is used in the working season, as provided in the sanctioned estimate. It is not stone which is held in reserve to meet contingencies, and hence it is charged at once to the work.

3 In paragraphs 2 and 4 of letter, No 1,442, dated 27th December 1867, I pointed out that the works noted in the margin* did not answer the conditions of Rule IV, paragraph 19 of G O, No 3,189, of 15th October 1867, and should not therefore be regarded as works to be provided for from the Loan Fund. Nos 45 and 46 are works for the discharge of surplus water, and no revenue will be derived from them: the former has been constructed with a view of affording a draught and a scour which will prevent the head of the Wyacondan channel from silting up, and the latter provides for draining irrigated lands adjacent to the Coleroon river, which has been embanked to prevent the flood-waters from submerging the lands and destroying the crops. Gaps were left in the bank to admit of the discharge of surplus water, and these gaps rendered the effect of the bank almost nugatory until the surplus sluices, which are provided with self-acting shutters, were built. No 47 is intended to supplement the supply to certain rain-fed tanks with water from the Cauvery when the floods in the river are very high, or twice or three times in a season, the result of such a supply will not be distinguishable, and cannot be reduced to figures.

Captain Palmer estimated the return from this work at Rupees 3,448, but this was before the reduction of the assessment, and the return now would probably not be one-half that estimated, even if the work fully answered its purpose; but this, I fear, it will not do. I will report more fully on the subject hereafter.

4. For taking up and relaying a portion of the apron of the south branch of the lower anicut an estimate of Rupees 3,800 was submitted in June, and was sanctioned in G. O., No 62, dated 11th June, it provided for examining the entire apron and for ripping up and relaying such portions of it as were found to have hollows below them, or not to have been built sufficiently solidly, this work ought perhaps to be regarded as of the nature of a repair.

No. 673 ORDER THEREON, 30th June 1869, No. 2,124.

IRRIGATION, No. 28.

* Dated 11th March 1869

From this letter from the Superintending Engineer of the 6th Division, it appears that, of the three items, Nos. 40 to 42, referred to in clause 4 paragraph 2, of the letter* No 53-A—I., from the Officiating Secretary to the Government of India, the first is a work of restoration, and the second and third are *bona fide* additions and improvements to the Lower Coleroon Anicut. The estimate for the second item was Rupees 16,000, and Captain Oakes reports the expenditure to have been Rupees 17,495-2-6. On the third item, the estimate for which was Rupees 70,400, the expenditure has amounted to Rupees 46,018-13-5 only, owing to the construction of the front retaining wall and apron having been deferred in Government Order, No. 902, of the 20th March last, until it could be seen whether they could not be dispensed with. The Govern-

*Proceedings of the Madras Government, Public Works Department,
30th June 1869.*

ment of India will therefore now be requested to sanction the charge to the extraordinary grant of the sums expended on Item Nos. 41 and 42 as above shown.

Ordered that the following letter be sent:—

(Here enter No. 2,125, dated 30th June 1869)

(True Extract)

(Signed) J. MULLINS, Major, R. E.,
Acting Joint-Secretary to Government.

To the Superintending Engineer, 6th Division
,, Controller of Public Works Accounts.
,, Accountant-General
,, Revenue Department.

Exd. F. R. Bantleman.

Govt. of 1869) Madras.

PUBLIC WORKS.

To

THE SUPERINTENDING ENGINEER,

6th DIVISION.

&c, &c, &c

Dated June, 30th

Recd

E 1

G O, 30th June 1869, No 2,124

JUNE.

Nos. 672-673

Lower Coleroon Anicut—Passing orders on the letter from the Superintending Engineer of the 6th Division, stating that of the three Items, Nos 40 to 42, referred to in G O No 1,413 of 1869, the first is a work of restoration, and the second and third are *bona fide* additions and improvements to the Lower Coleroon Anicut, Tanjore District, and suggesting that the expenditure on the latter two items should be charged to the extraordinary grant under "Agricultural"

PUBLIC WORKS DEPARTMENT,
FORT ST. GEORGE, 30th June 1869.

No 2,125.

No. 674.

To

THE SECRETARY TO THE GOVERNMENT OF INDIA,

PUBLIC WORKS DEPARTMENT

SIR,

IRRIGATION, No 29.

WITH reference to clause 4 of paragraph 2 of your letter, No. 53-A—I, of the 11th March last, I am directed to state that Item No. 40 is for a restoration, but that Items Nos. 41 and 42 are for *bona fide* additions and improvements to the Lower Coleroon Anicut. The expenditure on Item No 41 has been Rupees 17,495-2-6, and that on Item No. 42, Rupees 46,018-13-5. The difference between this latter amount and that, Rupees 70,490, of the estimate is due to this Government having authorised the Superintending Engineer to defer the construction of the front retaining wall and apron until it could be seen whether these works could be dispensed with. I am therefore to ask the Government of India to sanction the charge to the extraordinary grant of the sums shown above to have been expended on the Items Nos 41 and 42.

I have the honour to be,

Sir,

Your most obedient servant,

(Signed) J. MULLINS, Major, R. E.,

Acting Joint-Secretary to Government.

Exd. F. R. Bantleman.

Gort. of 1869 Madras.

PUBLIC WORKS.

To

THE SECRETARY TO THE GOVERNMENT

OF INDIA

Dated June, 30th.

Recd

21

G. O., 30th June 1869, No. 2,125

JUNE.

No. 674

Lower Coleroon Anicut—The Government of India requested to sanction the charge to the extraordinary grant under "Agricultural" of the sums expended on additions and improvements to the Lower Coleroon Anicut, Tanjore District.

No 793

Super Engg's Office b. D. S.
Tanjore 31 October/68.

From,

Capt. R. F. Oakes, R.E.

Super Engineer b. D. S.

To, Lieut. Col. J. C. Anderson R.E.

Chief Engineer for Irrigation &

Secretary to Government

D. P. W.

Sir

1.— With reference to G.O. No. 3215, dated 12th October, I have the honor to afford the information required relative to the works referred to in paras 7, 8 & 9—of Colonel Dickins' Letter:—

2— The works adverted to in para 7 are those connected with the Lower Anicut—the Estimates provide for rebuilding the portion of the Anicut which was destroyed in 1865, for extending the pavement across, & providing it with

with a deep solid retaining wall
so as to stop any leakage through
the old work, & for forming an ex-
tended Apron of rough Stone -

These works have very materially
increased the strength of the Arment
and have lessened the risk of de-
struction & should, I think, be
regarded as new works - No 43th
which exception is taken provides
for collecting rough Stone for the
Season of 1867-68, & was entered
in the Budget of 67-68 submitted
from this Office in October 1866 -

The Estimate of Rs 30,800 was
not submitted till November 66,
& the sum of Rs 17,850 required for
Stone was added to the Estimate
in the Government Office. This Rs 17,850
provided for all the Stone required
for the protection of the Arment,
& when it was sanctioned the Rs 7,500
entered in the Budget of 67-68
from this Office should have been
struck out, for the Stone is actually
provided

From July
to November.

13th

No 967 m
G.O. No 3774
28th Nov 1866

provided for in No 42 - Sanction is
not, therefore, required for No 43.

The Stone is brought down
to the Arment when the River is
in flood & is used in the working
Season as provided in the sanc-
tioned Estimate. It is not Stone
which is held in reserve to meet
Contingencies & hence it is charged
at once to the work. -

3 - In paras 2 & 4 of Letter No 1442
dated 27 December 1867, I pointed
out that the works noted in the

No 45 - Constructing Surplus Canals for the Macondam	Margin did not Answer the Con- ditions of Rule
- 46 - Do - 10 Surplus Canals in the St. Bank of Coleroon	IV para 19 of f.O.
- 47 - Completion of Macondam Extension project	No 3,189, of 15 th October 1867 - 8

Should not therefore be regarded
as works to be provided for from
the Loan Fund - Nos 45 & 46 are
works for the discharge of surplus
water, & no revenue will be de-
rived from them - the former has
been

been constructed with a view of
affording a draught & a scour
which will prevent the head of
the Mysore Channel from
sitting up & the latter provides
for draining irrigated lands
adjacent to the Coleroon River, which
has been embanked to prevent the
flood waters from submerging
the lands & destroying the crops.
Gaps were left in the bank to admit
of the discharge of surplus water
& these gaps rendered the effect
of the bank almost null until
the surplus sluices, which are
provided with self-acting shutters,
were built. No 47 is intended
to supplement the supply to certain
rain-fed tanks, with water from
the Cauvery when the floods in the
River are very high or twice or
three times in a season the result
of such a supply will not be dis-
tinguishable & cannot be reduced
to figures. —

Captain

64
63
Captain Palmer Estimated ^{the} return
from this work at Rs 3448 but
this was before the reduction of
the apportionment & the return now
would probably not be one half
that Estimated even if the work
fully answered its purpose but
this I fear it will not do. I will
report more fully on the subject
hereafter. —

4 — For taking up & relaying a
portion of the Apron of the South
Branch of the Lower Ancient an
Estimate of Rs 3800 was submitted
in June & was sanctioned in G.O.
No 1833 dated 11th June it provided
for examining the entire Apron
& for ripping up & relaying such
portions of it as were found to
have hollows below them or not
to have been built sufficiently
solidly, this work ought perhaps
to be regarded as of the nature
of

of a repair. —

I have the honor to be

Sir,
Your most Obedt Servt

~~W. H. Wake~~ Captain R.E.

Supl Engineer 6th Dth

W. H. Wake 2003/69

From
The Supl Engineer
6th Dth

The Chief Engineer for
Irrigation, and Joint
Secy to Govt. & P.W.D.

Dated 31st Oct 3rd 1868.

W. H. Wake.

Transmitting the information

then called for in

G.O. No. 3215, dated

12th October 1868.

1230

Supl Engrs Office 6th Division
Lanjore 18th Aug 1869

From,

The Superintending Engineer
6th Division

The Acting Chief Engineer
for Irrigation, & Joint Secretary
to Government - D.P.W.

Sir,

With reference to G.O. No. 1415
dated 30th April 6, I have the honor
to inform you that the Estimate
of Rs 8,1850 provided for the restoration
of the portion of the Amnicut which
was destroyed in 1865, in restoring
this portion of the Amnicut the
work was made far stronger than
the original work and the repair upon
was extended, but as the work
was one of restoration I presume
that the expenditure on this portion
of the work should be charged
against the Ordinary Grant.

The
and

P. W. Dett

The other two works provide
I for extended aprons with deep
retaining walls to the Shiner &
II for the same to the rest of the
South branch & for a deep solid
pont retaining wall & for providing
rough stone to protect the extended
apron - It has been determined ^{when necessary}
not to put in the up-stream or ^{any more}
pont retaining wall & with the
exception of providing some of the
rough stone these works have
been completed & the expenditure
has been as per
margin, the remain-
ing portion of the
stone might be
supplied under repairs but the
expenditure already incurred under
41 & 42 should I think be charged
to extraordinary as there is no doubt
that the stability of the work has
been very much augmented &
the risk of destruction much
reduced

reduced by the additions and im-
provements provided for in Nos 41
and 42 is reported in my Letter
No 793 of 31st October - 1868.

I have the honor to be

Sir,
Yours most Obedt Servt

J. P. Baker Capt. R.E.
Super Engineer 6th Division

and

P. W. Dept
No 2124

Proceedings of the Madras Government.
Under date the 30: June 1869.

Read the following

From the Supg Engineer
of the B. G. R.

(Here enter No 117 of 18 May 1869)

From this letter from
the Superintendant of the B. G. R.
it appears that of the three
items Nos 40 to 42, referred to
in Clause IV para. 2 of the
letter, No 53 A I, from the
Officiating Secretary to the
Govt. of India, the first is
a work of restoration, and
the second and third are
bona fide additions and
improvements to the
Lower boiler room Arment.
The estimate for the 2^d
Item was Rs: 16,000

and

* dated 11 March 1869.

W. P. M.

By the Supg Engineer
of the B. G. R.

By the Secy to the Govt.
of Madras

Dated 18 May 1869
Recd 21 May 1869
By the Secy to the Govt.

No 230

By the Secy to the Govt.

At Rs 81,880 provided for
the restoration of the Arment
which was destroyed in
1865 and provided
that the expenditure on the
restoration of the Arment
be charged against
the Ordinary Grant.
No 2124 & 2125-80: Secy to Govt.

No 612

27 June 1869 3, 1869

reduced

and Capt. Baker reports
the expenditure to have
been Rs. 17,495-2-6. On the
3^d item the estimate for
which was Rs. 70,400, the
expenditure has amounted
to Rs. 46,018-13-5 only, owing
to the construction of the
front retaining wall and
apron having been de-
ferred in Government
Order No. 902 of the 20th
March last until it
could be seen whether
they could not be dis-
pensed with. The Govt.
of India will therefore
now be requested to sanc-
tion the charge to the ex-
traordinary grant of
the

To Supdgr b. du
Controller. Works
Acct. Genl.
Revenue Dept.
Desp. 17/1/19

the sums expended on items
Nos 41 and 42 as above
shown -

Ordered that the
following letter be sent:-

2/2/25
To The Secy. to the
Govt. of India.
P. to. Dept.

Sir,
With reference to
Clause IV of para 2 of your
letter No. 53 A. I. of the 11th
March last, I am directed
to state that Item No. 40 is
for a restoration, but that
Items Nos 41 and 42 are for
bona fide additions
and improvements to

to the Lower Ghoram Quicut.
 The expenditure on Item
 No 41 has been Rs. 17495-2-6
 and that on Item No 42
 Rs. 46,018-13-5. The difference
 between this latter amount
 and that Rs. 70,400 of the
 estimate is due to this
 Government having
 authorized the Supergr.
 to defer the construction
 of the front retaining wall
 and apron until it could be
 seen whether these works could
 be dispensed with. I am
 therefore to ask the Govt.
 of India to sanction the charge
 to the Extraordinary Grant
 of the sums shown above to
 have been expended on the
 Items Nos 41 and 42.

15
~~To Supergr. G. W. M.~~
~~Acc. Genl.~~
~~Treas. Secy. P. M. Accts.~~
~~Revenue Dept.~~
 Dec 21/76.

Case 2333

Govt. of Madras.

PUBLIC WORKS.

To
The Superintending Engineer
6th Division

Dated

Recd

G O 20 June 1869, No 2/248
2/25

Nos. 672 @ 674

requested to auction the charge
to the Extraordinary Grant under
Agricultural, of the Survey En-
-pended on additions & improve-
-ments to the Lower Coleroon
Ancient, Tanjore 8th.
on the letter from the Superintending
of the 6th Division dated, of the 11th
items Nos 672 & 674 referred to above
1413 of 1869, the first is a work of
restoration and the second & third
are bona fide additions & improve-
-ments to the Lower Coleroon Ancient
Tanjore 8th; and ^{suggesting} that
the expenditure on the latter two
items should be charged to the Extra-
-ordinary Grant under Agricultural

Lower Coleroon Ancient the first of which
requested

C. J. June 1869 A. 10th