M.R.O. 1—77,006—8-6-37.

(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

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 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.

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

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.

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.

From July to November.

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.

* No. 45.—Constructing Surplus sluices for the Wyacondan.
Do. 46—Do. 10 Surplus sluices in the North bank of Coleroon.
No. 47.—Completion of Wyacondan Extension Project.

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.

No. 2,534 of 25th April 1863.

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. 1,833, 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 62.

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 Government 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.

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

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. *Encl.*

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."

(5)

PUBLIC WORKS DEPARTMENT,
FORT ST. GEORGE, 30*th 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.

Govt. of {1869} Madras.

PUBLIC WORKS.

To

THE SECRETARY TO THE GOVERNMENT

OF INDIA.

Dated June, 30th.

Recd. *Encl.*

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

Supdg Engr's Office 6th Div.
Tanjore 31 October 68.

From,

Capt. R. F. Oakes R.E.
Supdg Engineer 6th Div.

To,

Lieut. Colo. 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 Dickens' 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 strengthening the pavement Apron, & 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 Anicut
and have lessened the risk of de-
struction & 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, & was entered
in the Budget of 67-68 submitted
from this Office in October 1866 - 13 th

* 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 Anicut,
& 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

No. 967 in G.O. No. 3774 28th Nov. 66.

From June to November.

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

The Stone is brought down
to the Anicut 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
* Margin did not
answer the Con-
ditions of Rule
IV para 19 of G.O.
No. 3189 of 15th
October 1867 — &
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

* No. 45 - Constructing Surplus Sluices for the Wyaroondam.
" - 46 - Do - to Surplus Sluices in the N. Bank of Coleroon.
" - 47 - Completion of Wyaroondam Extension project. —

been Constructed with a view of affording a draught & a scour which will prevent the head of the Wyaroondan Channel from silting 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 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 Cauery 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 & Cannot be reduced to figures. —

Captain

Captain Palmer Estimated the return from this work at Rs 3448 but this was before the reduction of the assessment & 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 Anicut an Estimate of Rs 3,800 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 repair.—

I have the honor to be

Sir,

Your most Obd.t Serv.t

H. F. Parker Captain R.E.

Supt. Engineer 6th Div.n

No 230

Supt. Engr's Office 6th Division

Tanjore 18th May 1869

From,

The Superintending Engineer

6th Division.

To,

The Acting Chief Engineer

for Irrigation, & Joint Secretary

to Government - D. P. Ws.

Sir,

With reference to G. O. No 1413

dated 30th April, I have the honor

to inform you that the Estimate

of Rs 81880 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 upon

which the work 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

The Superintending Engineer

6th Division

To

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

Dated 31st Oct. 1868.

Rec.d Nov. 3 1868.

No 193.

Transmitting the estimate for Calcrs for the Q. No 32/65, dated 12th October 1868.

Recd 23/3/69

Recd 23/3/69

The other two works provide I for extended aprons with deep retaining walls to the Sluices & 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 not to put in the up-stream 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 remaining 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 when was this arrangement effected?

No.	Estimate	Expenditure
41	81880	81528-8-10
41	16000	11495-2-6
42	70403	16018-13-5

P. W. Dept

(15)

reduced by the additions and improvements provided for in Nos 41 and 42 as reported in my Letter No 793 of 31st October — 1868.

I have the honor to be
Sir,
Your most Obd.t Servt

H. P. Dale Capt. R.E.
Supt Engr 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 6th Dn

Here enter No 1175 of 18th May 1869

From this letter from
the Supg Engineer of the 6th Divn
it appears that of the three
items Nos 40 to 42, referred to
in clause IV para: 2 of the
letter, No 53 A.J, 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 Coleroon Anicut.
The estimate for the 2d
Item was Rs: 16,000

and

+ dated 11th March 1869.

1869

Ans. 6/7/2

C. T. June 1869 Desp. B, 1 Dft

Dated 18th May 1869
Rec'd 21st June 1869
Pub. 3rd July

Supg Engr
6th Dn

Report the Estimate
Rs 81,880 herein for
the restoration of the Anicut
which was destroyed in
1865 and presented
that the expenditure on this
portion of the work should
be charged against
the Ordinary Grant.

No 2124 of 2125 30: June 69.

Reduced

and Capt: Oakes reports the expenditure to have been Rs: 17,495-2-6. On the 3d 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 deferred in Government Order No. 902 of the 20th March last until it could be seen whether they could not be dispensed with. The Govt: of India will therefore now be requested to sanction the charge to the Extraordinary grant of the

To Supt Engr 6th Div ✓
" Controller. Works ✓
" Accts Genl ✓
" Revenue Dept ✓

Desp: 17/6/4

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

Ordered that the following letter be sent:-

2/No 2125

To The Secy: to the Govt: of India.
P. W. 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

(14)

to the Lower Coleroon Anicut.
The expenditure on Item
№ 41 has been Rs: 17495-2-6
and that on Item № 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 Superg.ts
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 Supt. Surv. G. & W.
" Accountt.
" Controller P.W. accts.
" Revenue Dept.
Dept 21/7/69.

C. 7th June 1869 Dr. 10th

(21)

Cur 2333

Govt. of {1869} Madras.

PUBLIC WORKS.

To The Superintending Engineer
6th Division

Dated

Recd. Encl. 1

G. O. 30 June 1869, No. 2148
2125

Nos. 672 @ 674

requested to sanction the charge to the Extraordinary Grant under Agricultural of the items expended on additions & improvements to the Lower Coleroon Anicut, Taujore Dt.

Lower Coleroon Anicut. Reporting on the letter from the Secy of the Bd. of Revenue dated 14th ult. of the three items Nos 672 to 674 referred by G.O. 14137 of 1869, the first is a work of restoration and the second & third are bona fide additions & improvements to the Lower Coleroon Anicut, Taujore Dt.; and suggesting that the expenditure on the latter two items should be charged to the Extraordinary Grant under Agricultural

Lower Coleroon Anicut. The first of these is rejected

c. 7th June 1869 Rd. 10th