

(1) Number of pages 16

(2) Date of repair 14. 11. 27

(3) Initials of the Referencer _____

MADRAS RECORD OFFICE.

Government of Madras.

Public Works

DEPARTMENT.

G.O. No.	Press Mis.
Dated	18 .

Not to be folded or roughly handled

14. 11. 27

Proceedings of the Madras Government, Public Works Department,
4th April 1865.

No. 56. Read the following letter from Lieutenant-Colonel T. GREENAWAY, Superintending Engineer, 6th Division, to Colonel C. A. ORR, R. E., Secretary to Government, Public Works Department, dated Tanjore, 13th March 1865, No. 2,715:—

- SIR,
1. With reference to my letter No. 2,596, dated 27th February 1865, conveying report on the breach in the south branch Lower Coleroon Anicut, I have now the honor to forward an
1 Estimate.
estimate for the re-construction of the ruined portion of that work and protection of that still standing, amounting to Rupees 63,000.
2. This amount also includes the restoration of the bridge, the filling up of holes below the anicut, and the addition of a rough stone tail apron ten yards in width and ballasting in front of the upper retaining wall, the repairs of the sunken portions of the existing tail apron, and such other minor repairs as the work requires; a cross section of the work, showing the alterations of model proposed will be sent separately.
3. The section, as now altered, does not of course come up to what one would consider a really satisfactory model; but it is, I believe, the best that could be executed within the time left to us, and under the condition of retaining the rest of the existing work.
4. It will be impossible to complete the bridge this season, and we shall probably attempt no further than to carry up the piers to the level of the floor.
5. The dam retaining walls and aprons will, I confidently hope, be completed before the first fresh. They have as you are aware been commenced in anticipation.

No. 57. ORDER THEREON, 4th April 1865, No. 916.

CIVIL WORKS.

1. With the foregoing letter the Superintending Engineer, 6th Division, submits the estimate promised in his report of the 27th February last, for restoring the fallen portion of the southern section of the Lower Coleroon Anicut and bridge in the Tanjore District, and for carrying out such improvements as appear necessary to ensure the future stability of the structure.
2. The works provided for in the estimate are those which have already been approved in Proceedings No. 718, dated 15th March 1865. The Government, however, are of opinion that the section of the rough stone apron to be added to the rear of the work is scarcely sufficient, and that it will require to be strengthened annually for a few years to come.
3. The cost of the whole of the proposed works is estimated at Rupees 63,000, or Rupees 3,000 in excess of the amount which
In letter No. 1,905, dated 7th November 1864, paragraph 6. Captain Bean reported as likely to be required.
It is observed that ample funds are at the disposal of the Superintending Engineer to meet current expenditure, and Rupees 26,374* have been allotted to the work in the Budget for 1865-66.
* Item No. 74, Part II.
4. With these remarks the Government sanction the estimate (Rupees 63,000). Every exertion should be made to complete the dam, with its aprons, and the foundations of the piers of the bridge this season, and to make the work secure before next freshes.
(True Extract.)

(Signed) CHARLES A. ORR, Colonel, R. E.,
Secretary to Government.

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

Exd. S. T. Augustin.

concrete & filling

Origation The Great Exhibition No Repairs
Communication Major District
Tombacouan Falls 39

Work Constructing the fallen portion of Tower American
 South branch & repairing remainder.

Quantity	Description of Work	Rate	Amount	Amount of each part.
41752	Cubic feet of Masonry Excavating	" " 6	1304	12 "
7253	Cyds Excavating (Debris) -	" 4 "	181	5 4
5490	Cft Removing rear Apron	" " 3	85	12 6
640	Cyds Fard	" " 9	30	" "
182	Wls of Brick in Chumam	18 " "	3276	" "
67646	Cft Brick in Chumam	" 2 "	8455	12 "
7614	Cft Brick in Chumam for Arch work	" 2 6	1502	3 "
34000	Square feet of Plastering	2 " "	480	" "
77085	Cft of throwing rough			
	Lateral, Granite & Brick cubes	" 4 6	21680	2 6
1320	Cft of New Cut Stone	1 3	1567	8 "
480	Cft Old Stone rebuilding	" 4 "	120	" "
4400	Cft New Lateral	" 5 6	1512	5 "
3607	Cft Old Lateral	" 2 "	451	2 "
37344	Cyds Earth work	" 2 "	4667	10 6
520	do Debris	" 3 "	260	" "
480	Cft of Stone for Cutwaters	1 8	720	" "
38660	Sqft of Pointing with Hydraulic concrete & filling in			
Carried over			46294	11 10

Brought forward 11624 11 10
 the hole with Brick Jelly.

422 _____ 2 - - 773 3 2

Baling _____ 5000 - -

5 painting for inside 1200 to each _____ 2520 - -

Scaffolding _____ 500 - -

Temporary Sheds _____ 170 - -

Embankment _____ 4000 - - 57257 15 -

Contingencies & Sundries _____ 5742 1 -

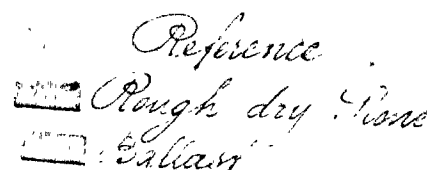
Total Estimated Expenses 629000 - -

2nd Engrs Office
 Major 13th March 1865
 C. E. M.

W. M. M. M. M.
 Super Engineer 6th Division

99/16/16

15th portion of South Branch
OF LER COLEROON ANICUT.



Surge Ensign William S. Dyer
Annapolis 13th March 1865.

Quinn, Lewis Col.
Surg. Eng. 6th Div.

No 2715

Supt: Engrs Office 6th Div.
Bangalore 13th March 1865

From

95
Lieut Col. J. Greenaway
Supt: Engineer 6th Division

To

Colonel C. A. Orr R.E.
Secretary to Government
P. W. D.

Enclosure

1 Estimate

Sir

With reference to my letter
No 2596 dated 27th February 1865
conveying Report on the breach in
the South branch Lower Coleroon
ancient, I have now the honor to
forward an Estimate for the Re-
construction of the ruined portion
of that work and protection of that
still standing amounting to Rs 63,000

2 This amount also includes
the restoration of the bridge, the
filling up of holes below the ancient
and the addition of a rough stone
tail apron ten yards in width and
ballasting in front of the upper
retaining wall, the repairs of the
sunk portions of the existing tail
apron

and

you

1 p. 55

apron and such other minor repairs as the work requires, a cross section of the work showing the alterations of model proposed will be sent separately.

3 The Section as now altered does not of course come up to what one would consider a really satisfactory model but it is I believe the best that could be executed within the time left to us and under the condition of retaining the rest of the existing work.

4 It will be impossible to complete the bridge this season and we shall probably attempt no further than to carry up the piers to the level of the floor.

5 The dam retaining walls and aprons will I confidently hope be completed before the 1st freeze. They have as you are aware been commenced in anticipation.

I have the honor to be
Sir,
your most obedient servant

Wm. A. W. Lt. Colonel

J. V. 1865 Dept
Pres of Govt of Ind
The Sup: Engineer
6th Dec

To
The Secretary of Govt
P. W. D.

Dated 13th March 1865
Recd 18th March 1865
No 2715

Forwarding for
sanction an Estimate
of Rs 63,000 for
the reconstruction of
the ruined portion
of the South Branch
Lower Coleroon anicut
No 916 - 4th April 1865

No 56

c. 27th March 1865 D. 31/47

Civil Works

Public Works Dept

135

No 916

Proceedings of the Madras Government
Under date the 4th ^{April} 1865.
Read the following

From the Superintending Engineer
6th Div

Forwarding for sanction
an Estimate of Rupees 63000
for the reconstruction of the
ruined portion of the South
Branch Lower Coleroon Aicut.
(Here enter 13th March 1865
No 915)

MD

work

With the foregoing
Letter the Superintending
Engineer 6th Division
submits the Estimate
promised in his report
of the 27th February last
for restoring the fallen
portion of the Southern
Section of the Lower Coleroon
Aicut and Bridge,
in the Tanjore District,
and for carrying out

such improvements as appear
necessary to insure the
future stability of the
Structure -

The works provided
for in the Estimate are
those ~~to~~ which ~~have~~ ^{approved}
already been ~~in~~
in Proceedings No 71 P
dated 15th March 1865 -

The Government, however,
are of opinion that the
section of the rough Stone
Apron to be added to
the rear of the work is
scarcely sufficient, and
that it will require to
be strengthened ~~entirely~~
for a few years to come

The cost of the whole
of the proposed works is
estimated at Rs 63000
or Rs 3000 in excess of
the amount which Capt
Beau reported as likely
to be required. It is
observed that ample

In letter No 1905 dated
7th November 1864, Para 6.

Item No 74 - Part II -

153
funds are at the disposal
of the Superintending Engineer
to meet current ex-
penditure, and Rs 26374
have been allotted to the
work in the Budget for
1865/66 -

With these remarks
the Government sanction
the Estimate (Rs 63,000) -
Every exertion should be
made to complete the
Span, with its aprons, and
the foundations of the
Piers of the Bridge this
season, and to make the
work secure before next
floods -

The Sup^r Eng^r - 28th Divⁿ H^{on}l^r Rep^t ✓
- Controller Gen^l Accounts ✓
- Accountant Gen^l - ✓

23
Sept 5th April.

219-51-211

1895-96 Dulac
Proy. 1895-96

Dec 16

Proy. of the 1895-96

219-51-211

De 1895-96

Amounting to 1895

63000 for 1895-96

the 1895-96 portion

of the 1895-96

1895-96

1895-96

1895-96

1895-96