M.R.O. 1—77,006—8-8-37.

(1) Number of pages 26

(2) Date of repair 7/7

(3) Initials of the Referencer

MADRAS RECORD OFFICE.

Government of Madras.

DEPARTMENT.

G.O. No. 3811 Press Mis.

1930-31

Dated 24-11- 18[illegible].

Not to be folded or roughly handled

S

Proceedings of the Madras Government, Public Works Department, 24th November 1862.

No. 430. Read the following letter from Captain E. HEMERY, R. E., Acting Deputy Chief Engineer, Central Circle, to Colonel W. I. BIRDWOOD, R. E., Secretary to Government, Public Works Department, dated Chepauk, 6th November 1862, No. 57 :—

1 Letter from the Acting District Engineer, South Canara, No. 103, dated 3rd October 1862.
1 Plan.
1 Estimate.
1 Report.

SIR,

1. With reference to Order of Government No. 2,257 of the 20th September 1862, I have the honor herewith to submit for approval a plan and an estimate, amounting to Rupees 2,560, for a masonry bridge of two arches each of 26 feet 3 inches span to re-place a decayed wooden truss girder bridge over a stream near Upinangady on the Mangerabad road in the South Canara District.

2. Sundry errors in the estimate have been corrected in this Office, but the total amount required remains unaltered.

No. 431. ORDER THEREON, 24th November 1862, No. 2,816.

1. In their Proceedings dated 6th September 1862, No. 2,134, the Government sanctioned the appropriation to the several works therein mentioned, of the sum of Rupees 25,000 authorized for expenditure during the current year on the Coast road from Mangalore to Hoss Droog in South Canara, with the exception of Rupees 2,635 proposed to be expended on the bridge over the Cabbinhalla river. The sum was subsequently ordered* to be laid out in re-constructing a dilapidated bridge over the Nulla one mile east of Upinangady on the Mangerabad road, subject, however, to the approval by Government of the plan and estimate which were then promised to be submitted.

*G. O., dated 20th September 1862, No. 2,257.

2. Agreeably to this promise the Acting Deputy Chief Engineer, Central Circle, now lays before Government, with his letter above recorded, a plan and an estimate amounting to Rupees 2,560 for the bridge in question. As the work appears, from the letter of the Acting District Engineer dated 20th August 1862, No. 81, to be much needed, the Governor in Council sanctions the estimate thereof out of the sum of Rupees 2,635 adverted to in paragraph 1 of these Proceedings.

Recorded in G. O. of the 20th September 1862, No. 2,257.

3. The Acting Deputy Chief Engineer should have stated his opinion when submitting the plan, &c., for the bridge above specified.

(Signed.) W. I. BIRDWOOD, Colonel, R. E.,
Secretary to Government.

No. 1209

3a

To

The Secy to Government
Dept.

Sir,

I have the honor to forward a revised plan, and a revised Estimate amounting to Rupees 3110 — —, for the Construction of a timber bridge over the Kabinidalla river on the line of Seabank road in South Guiana.

2 The re-construction of this Bridge was sanctioned in order of Government No. 2422 of 12 October 1859 and the amount was to be provided in the Budget of 1860/62 — Contained in 1861/62

3. From the various causes of waiting for funds, change of officers, and the Extremely short working season in the particular locality in consequence of its unhealthiness, the progress as yet made is only the partial preparation of Materials.

4. The original plan was for a lattice bridge, and in calling for a New Estimate the design was altered by my predecessor to a truss bridge agreeably to the plan Enclosed as being better adapted for

Encls 3

1 Letter from Deputy Engr South Guiana dy 3d February 1862 No 97

1 Estimate Rs 3110

1 Plan

for the locality.

5. The Revised Estimate ... amounting to Rupees 3110— from which deducting the former Sanction of Rupees -2110... there remains Rs. 1000— for which Sanction is now requested.

6. The District Engineer accounts for the increase, partly by increased cost of labour and partly from its being unexpended that a portion of the Materials of the old bridge would be available, but on Examining the two Estimates I do not find that any deduction was made in the originally Estimated cost for one material to be used, and ~~that~~ the quantities of such materials are pretty much the same in both cases, The increased Estimated cost appears to be entirely owing to increased rates. I may mention the case of timber which in the former Estimate was one Rupee per cubic foot boughtincluding Carriage and in the one now submitted it is one Rupee Eighteannas per cubic foot

7. The unexpended balance on this Bridge having in Pro: of Cod. Rs. 525 of 21st March/62 been authorized to be diverted for the Cutcherees at

Mirkhung.

at Udipi and Upinnigadi I beg to recommend that so much of the amount of the Estimate now submitted as may not be available from the items in the Budget for those 2 Cutcherries may be Sanctioned from the Reserve Fund of 1862/63. the amount to be Reported on the 1st May

8. The Estimate has been Examined in this Office and Corrected where necessary

/ Signed /
J. Carpendale Lt. Col.
Ag. Engineer & Surveyor Genl. C.C.

24:4:62/62

5a

No 12909.

Deputy Chief Engineer's Office
Central Circle, Chepauk
24th April 1862.

Public.

From,
Lieutenant Colonel J. Carpendale,
Acting Deputy Chief Engineer C. C.

To,
Lieutenant Colonel W. A. Morsley.
Secretary to Government P. W. D.

Sir,

I have the honor to forward a Revised Plan, and a Revised Estimate amounting to Rupees 3,110, for the construction of a timber bridge over the Kabinhah River on the Muserabad road in South Canara.

2. The reconstruction of this bridge was sanctioned in order of Government No 2422 of 12th October 1859, and the amount was to be provided in the budget of 1860-61 ~~contained~~ continued in 1861-62.

From

Rs 2,110

Dist Engr's Office
Central Circle
3d May 1862 No 197
1 Estimate Rs 3,110
1 Plan.

No 12909

Dy Chief Engr
Central Circle

Dated 24th April 1862

Lieutenant Colonel
Executive Engineer
South Canara

For Construction of
timber bridge over the
Kabinhah River on the
Muserabad Road in
South Canara

Rs 3,110

Copy forwarded to the
Executive Engineer
for information
Fort St George
1st May 1862.

3. From the various causes of waiting for funds, change of Officers, and the extremely short working season in the particular locality in consequence of its unhealthiness, the progress as yet made is only the partial preparation of materials.

4. The original plan was for a lattice bridge, and in calling for a new estimate the design was altered by my Predecessor to a truss bridge, agreeably to the plan enclosed as being better adapted for the locality.

5. The revised estimate amounts to Rupees 3,110 from which deducting the former sanction of Rupees 2,110- there remains Rupees 1,000 for which sanction is now requested.

6. The District Engineer accounts for the increase, partly by increased cost of labour, and partly from its having been expected that a portion of the materials of the old bridge would be available; but on examining the two estimates, I do not find that any deduction was made in the originally estimated

estimated cost for old material to be used; and the quantities of each material are pretty much the same in both cases- The increased estimated cost appears to be entirely owing to increased rates- I may instance the case of timber, which in the former estimate was one rupee per Cubic foot wrought including carriage, and in the one now submitted it is one rupee eight annas per cubic foot.

7. The unexpended balance on this bridge having, in Proceedings of Government No. 525 dated 21st March 1862, been authorized to be diverted for the Cutcherries at Udipi and Upinangudi- I beg to Recommend that so much of the amount of the Estimate now submitted, as may not be available from the items in the Budget for those 2 Cutcherries, may be sanctioned from the Reserve Fund of 1862/63- the amount to be reported

reported after 1st May.

8. The Executive have been examined in the Office and corrected where necessary.

By Chief Engr Office
Central Circle
Bellary
24th April 62.

I have the honor to be Sir, Your obedt Servant

Lieutenant Colonel
Chief Engineer &c.

To, Lieutt Colonel W. Morley
Secretary to Government &c.

Pro 12 Oct 59 ch 95-96
" 21 March 62 — 389-390
To Dy Chief Engr Cbe 8723
May 62 No 935

Public Works 1862 Departt

From No 1207
The Actg Dy Chief Engineer
Central Circle

To
The Secretary to Government
B. P. W.

Dated 24th April 1862
Received 28th " "
Read 1st May Encl 3.

No 12909

Submits an Estimate amounting to Rs 3110 for constructing a timber bridge over the Kabini River on the Munderabad Road in South Canara and requests that the Sanction of Government may be accorded from the Reserve Fund 1862/63

Rd 28 Do

Cbe 1 May 813

Chief Engineer C.C. 22nd
62 Inc. 905

Forwarded to

Chief Engineer. Letter from the
A.A. Dr. Chs Engr. C.C. submitting an Estimate
for Rs 3110 for constructing a timber, rubble
Metal Road over the Sankh Nala

Secretary to Govt. Pb.

The Chief Engineer

23

15

No 908. 1877

Read the following Le=
=tter & Enclosure from the Master
=Hse -

(Copies Letter & 17th Decr 76 &c)

Directed that the
letter which accompanied
the above Memorandum &
be forwarded to the Offg
Deputy Chief Engineer Central
Circle with the following
Memorandum -

" Returned to the
Offg Deputy Chief Engineer
Central Circle for Re=
=consideration
2 The Chief Engineer
is of opinion that it
would be better to
divide the 30 feet bays
of the proposed bridge
into 3 spaces by

Enclosures - 16.
1 Letter & Plan dated 16th Dec. 76.
1 Plan -
1 Letter dated 3rd Feby 1877
1 Estimate -

(Costing the possibility of
inferior timber being used
in the first instance, and
to the certainty of it
gradually diminishing
strength during the effect
of climate on the best
Quality)

placing two girders transversely from truss to truss, and the joists longitudinally over them, thus reducing the bearings to 26 feet instead of 15 feet as at present.

3 The King Post and Struts over each Pier are unnecessary, a single upright to support the Cast rail is all that is required. The Plan and Estimate now revised should be resubmitted for the sanction of Government.

Signed W. H. Marshall by P.S. to Executive Engineer

Copied 23 Nov 62

Copy 23 Nov 62

Examined with Original

For Superintending Engineer

Entered in the Letter Book

Received in the Central Circle Office

Chepauk

6th November 1862.

No 905 of 1862

by [illegible]

C Circle

172

Central Circle Office
Chepauk
6th November 1862.

No 57.

From
Captain E. Nemery R.E.
Acting Deputy Chief Engineer C.C.

To
Colonel W. J. Birdwood R.E.
Secretary to Government P.W.D.

Sir,

With reference to Order of Government No 2257 of the 20th September 1862 I have the honor herewith to submit for approval a plan and an estimate Amounting to Rupees 2560.

for a masonry bridge of 2 Arches each of 26 feet 3 inches span to replace a decayed wooden truss girder bridge over a stream near Ulpinangady on the Mangalorad Road in the South Canara District.

2. Sundry errors in the estimate have been corrected in this Office but the total amount required remains unaltered.

I have &c.
E Nemery Captain R.E.
Acting Deputy Chief Engrs C.C.

On Issues 15
1 Letter from the Acting E. Engr South Canara
R. 103 of 3 Feb 63
1 Plan
1 Estimate
1 Report

X

Quantities.	Description of Work.	Rate. Rs.	A.	P.	Amount. Rupees.	Amou of each p Rupe

Received

In a letter

From
The Actg Executive Engr
Central Circle
D.P.W.

To
The Secretary to Govt
D.P.W.

Dated 6-3-62
Received 3-3-62
P.W.D. 3361/62

No 57

Abstract estimate for
constructing a Masonry
Bridge over a nullah on the
Mungeabad road at Anele
from Bopinangadi, in
South Canara District
amounting to Rs 12560

Ps. 98. 1862. 3 Sept.

Proc. of Gen. Sherman

Ps. 2816.

Proc. of the Atty Gen.

D. of 24th Aug. 62

From Dpt of War Judg. Gen.

4th February 1863 P. 214

Concerning the

Limits of Military

Jurisdiction

and Military

Law & Civil

Law existing in the

Several States

Districts

Ps. 4883. 4