M.R.O. 1—77,006—8-6-37.

(1) Number of pages 10

(2) Date of repair 14-9-40

(3) Initials of the Referencer

MADRAS RECORD OFFICE.

Government of Madras.

Financial DEPARTMENT.

G.O. No. 1024	Press Mis.
81-83	81-83
Dated 12-[illegible]	18 [illegible]

10/11

Not to be folded or roughly handled

Local Funds—Roads.

Read the following papers:—

No. 81. Proceedings of the Board of Revenue, dated 19th March 1875, No. 2271 (Miscellaneous):—

Read the following letter from A. MACGREGOR, Esq., President of the Local Fund Boards, Malabar, to H. E. STOKES, Esq., Acting Secretary to the Board of Revenue, dated Calicut, 8th March 1875, No. 486:—

I have the honor to forward a revised estimate for the Kudakadavoo Bridge, amounting to Rupees 55,072, being Rupees 11,102 in excess of the previously sanctioned estimate.

2. The cause of this increase is the substitution of iron for wood throughout. The original estimate provided for the girders and joists, &c., being of teak, but insurmountable difficulty was experienced in obtaining timber of the required size.

3. I enclose copy of correspondence which passed between me and the Chief Engineer on the subject of his memorandum printed in G.O., 29th July 1874, No. 1253. It will be observed that Colonel Walker objected, on professional grounds, to any reduction of scantlings, which the difficulty of getting timber would have necessitated, and finally expressed a very decided opinion in favor of iron throughout, instead of a combination of timber and iron.

4. Under these circumstances, the Local Fund Board had no alterative but to acquiesce in the principle of adopting iron throughout, and hence the necessity of the revised estimate.

5. Owing to the absence, in England, of the Contractor, who had commenced the bridge on the sanctioned estimate, a delay has occurred until now in framing the revised estimate in sufficient detail to admit of its submission.

6. The Local Fund Board have approved of the revision generally, and a copy of the estimate now submitted will be placed before them at the next meeting. In the mean time, however, it is requested that, to avoid further delay, the estimate may be submitted for the final sanction of Government.

7. The necessity of varying the estimate of this bridge so often is to be regretted; but, on the other hand, it must be remembered that no successful method has ever yet been discovered of dealing with these large estuaries, which are of so frequent occurrence on the coast road in Malabar and Canara.

8. If this proves, as it is confidently expected, a satisfactory and almost imperishable structure, the fact that the design was subject to repeated scrutiny and revision before execution will be matter for future congratulation, though productive of temporary inconvenience.

The revised estimate will be submitted for the sanction of Government after reference to the Chief Engineer.

(True Copy and Extract.)

(Signed) H. E. STOKES,
Acting Secretary.

Proceedings of the Madras Government, Financial Department,
12th May 1875.

Referred to the Chief Engineer for his remarks.

FORT ST. GEORGE,
20th March 1875.

(Signed) W. HUDLESTON,
Chief Secretary.

No. 469.

No. 82. MEMORANDUM.

The Chief Engineer finds, on inquiry, that the President of the Local Fund Board did as Colonel Walker recommended him, and ordered an iron bridge from Mr. Maylor, so favorably known as a Contractor for work in Malabar and Wynaad. That gentleman being at home at the time appears to have arranged at once for the supply of the iron superstructure to be laid over the iron piles of the bridge first sanctioned and actually under construction. It is all ready at Beypore, and the bridge is expected to be completed and open for traffic in November next.

2. The specification and drawings submitted are slightly imperfect; but the Chief Engineer has no doubt on the whole of the sufficiency of the design. Mr. Maylor will doubtless carry out its execution with his usual care. The District Engineer reports of the work so far as it is completed in favorable terms.

FORT ST. GEORGE,
30th April 1875.

(Signed) G. W. WALKER, Colonel, R.E.,
Chief Engineer, D.P.W.

To the Chief Secretary to Government, Fort St. George.

No. 83. ORDER THEREON, 12th May 1875, No. 1024.

Under the circumstances detailed in the memorandum by the Chief Engineer, the revised estimate, amounting to Rupees 55,072, is sanctioned.

(True Extract.)

Officiating Chief Secretary.

To the Board of Revenue, with enclosures.
,, Public Works Department.
,, Accountant-General.

Exd. J. Wright.

Govt. of {1875} Madras.

FINANCIAL.

To THE BOARD OF REVENUE,
&c., &c.,

Dated May, 12th.

Issued

Read.

G.O., 12th May 1875, No. 1024.

MAY.
Nos. 81–83.

Malabar District Local Fund.—Revised estimate, amounting to Rs. 55,079, for the construction of the Kudakadavoo Bridge, sanctioned.

No. 469.

The Chief Engineer finds
in signing that the Pre-
sident of the Local Fund
Board did as Colonel
Wilkie recommended
him, ~~in letter~~ & ordered
an Iron Bridge from Mr.
Mayston; & favourably
known as a Contractor
for work in Malabar
and Wynaad. That
gentleman, being at
home at the time, ap-
proves & have arranged
at once for the supply of
the Iron superstructure
to be laid over the Iron
Piles of the Bridge sanc-
tioned, & actually
under construction - It
is all ready at Liverpool

and the Bridges expected to be completed & open for Traffic in Dec: : ember next -

The Specification and Drawings submitted are slightly imperfect, but the Chief Engineer has no doubt on the whole of the sufficiency of the designs. Mr. Mayler will doubtless carry out its execution with his usual care - The District Engineer reports of the work so far as it is completed, in favourable terms -

Commd. R.P.
Chief Engr. D.P.W.

30.4.75.

Sir,

The Chief Secy: to Govt.
with Pro: Revenue Board
Encs 685 and 6 Enclosures.

Revenue Department

5 M

Miscellaneous No 2271

Proceedings of the Board of Revenue
dated 19th March 1875

No 486 Read the following

From.

A. MacGregor Esqre
President Local Fund Board
Malabar

To,

H. E. Stokes Esqre
Acting Secretary to the
Board of Revenue
Madras

Sir,

I have the honor to forward a revised estimate, for the Kuda-kadavoo Bridge, amounting to Rupees 55,072, being Rupees 11,102 in excess of the previously sanctioned estimate.

2. The cause of this increase is the substitution of iron for wood

throughout. The original estimate provided for the girders and joists, being of teak, but insurmountable difficulty was experienced in obtaining timber of the required size.

3. I enclose copy of correspondence which passed between me and the Chief Engineer on the subject of his Memo: printed in G.O. 29th July 1874. No. 1253. It will be observed that Colonel Walker objected on professional grounds to any reduction of scantlings, which the difficulty of getting timber would have necessitated; and finally expressed a very decided opinion in favor of iron throughout

instead of a combination of timber and iron.

4. Under these circumstances the Local Fund Board had no alternative but to acquiesce in the principle of adopting iron throughout: and hence the necessity of the revised estimate.

5. Owing to the absence, in England, of the contractor who had commenced the Bridge on the sanctioned estimate, a delay has occurred, until now, in framing the revised Estimate in sufficient detail to admit of its submission.

6. The Local Fund Board have approved of the revision generally, and a copy of the estimate now submitted, will be placed

before them at the next meeting. In the meantime, however, it is requested that, to avoid further delay, the estimate may be submitted for the final sanction of Government.

7. The necessity of varying the estimate of this bridge, so often, is to be regretted; but, on the other hand, it must be remembered that no successful method has ever yet been discovered of dealing with these large estuaries, which are of so frequent occurrence on the coast road in Malabar and Canara.

8. If this proves, as it is confidently expected, a satisfactory and almost imperishable structure, the fact that the design was subject

subject to repeated scrutiny and revision, before execution, will be matter for future congratulation, though productive of temporary inconvenience.

I have &c

President's Office
Calicut
8th March 1875

A. Macgregor
President

The revised estimate will be submitted for the sanction of Government after reference to the Chief Engineer.

True copy & Extract

A. Elton
Acting Secretary

To,
The Chief Secretary to Government
Financial Department
with 6 enclosures to be returned.

C. Gough

M. Narayana Charry

Financial (1875) Depᵗ
(Local Funds. Roads)

Proceedings of the
Board of Revenue

Dated 19th March 1875
Despᵈ 19 — "
Recᵈ 20. — " —
enc 6.

No. 685

Stating that the revised estimate for Kudakadavoo Bridge, in ~~[illegible]~~ Malabar Distᵗ, amounting to Rs 55,072 will be submitted for sanction of Govᵗ after reference to the Chief Engineer –

Referred

Referred to the Chief Engineer for his remarks. 4
[signature] Chief Secretary
Fort St George
20 March 1875

20 March/75.

No. 81.

P. W. 1875 Dept.
No: 1892

From

The Chief Engr.

Dd 20 March
No. 22 — } 1875.

E.J.

Referring, for remarks, Pro: Bs of Rs: stating that the revised estimate for Kuda Kadawoo Bridge in Tmvincelly Dist:, amounting to Rs 55,072, will be submitted for sanction of Govt after reference to the Chief Engineer.

With reference to the letter from the Chief Engineer dated 18th Feb 1875 No 1027 I am directed to request that the revised estimate for the Kuda Kadawoo Bridge may be submitted to Government for sanction as early as possible.

Board of Revenue Land Revenue & Public Works Secretariat Fort St George 11th March 1875

Secd to Govt Pro: Mem: No 469 dated 30th March 1875

3/5

Ch: Engr's Memo &c
469 Dd 30th March 1875

c 4/5

Govt. of 1875 Madras.

Financial

To

The Board of Revenue

&c &c &c

G.O. 12th January 1875 No. 104.

Nos. 81–83.

Tadalur Dt. Local Fund.

Revised Estimate amounting to Rs. 35,072 for the construction of the Kudakadanoo Bridge, sanctioned.