

MADRAS RECORD OFFICE.

Government of Madras.

Revenue DEPARTMENT.

G.O. No.	851	Press ~~Mis.~~
//-12. Dated	1-4-	1868.

Not to be folded or roughly handled

*Proceedings of the Madras Government, Revenue Department,
1st April 1868.*

No. 11. Read the following Proceedings of the Board of Revenue, dated 25th March 1868.

Read the following letter from the Collector of Madura, to the Secretary to the Board of Revenue, dated Camp at Allalur, 28th February 1868, No. 9 :—

1. I have the honor to submit herewith, for the Board's sanction, revised estimates with comparative statements, for the Munjalaur bridge Rupees 7,390, and for the Venkatadricottah bridge Rupees 6,700, the amounts of the original estimates having been Rupees 4,400 and Rupees 3,850.

2. I also beg to send the letter from the Superintending Engineer, under date the 15th November last, No. 1,601, explaining, in detail, the cause of the revised estimates exceeding the original.

3. It will be observed that the allotments of funds in the current year's local Budget are Rupees 1,991 for the Venkatadricottah bridge, and Rupees 1,500 for the Munjalaur bridge, and the additional sum required for the two is Rupees 5,840.

4. The Superintending Engineer says, that he will be able to spend this year only Rupees 2,000 out of the Budget allotment Rupees 5,060 for the Pallapati bridge. I therefore beg the Board's sanction for taking a sum of Rupees 2,780 from "the Reserve Fund," to meet the above requirements of Rupees 5,840.

1. The revised estimates, amounting in the aggregate to Rupees 14,090,	received with the foregoing letter, for
* Rupees 7,390	the Munjalaur* and Venkatadricottah†
† „ 6,700	bridges, will be submitted for the sanc-
Total 14,090	tion of Government.

2. The original estimates for these works amounted to Rupees 4,400 and Rupees 3,850 respectively, and were sanctioned by Government in their Orders marginally noted.

Dated 5th March 1865, No. 454.
Do. 10th October 1865, „ 2,453.

3. The additional sum required for the completion of the two bridges is Rupees 5,840, which the Collector proposes to meet from two sources, *i. e.*, Rupees 3,060 from the allotment for the Pallapatti bridge, which appears as Item No. 6 in the current year's revised District Road Fund Budget, and Rupees 2,780 from the Reserve. The Board authorize the proposed transfer in anticipation of the sanction of Government to the estimates now submitted, as the current official year is so near its close. The Accountant General is requested to place the sum of Rupees 2,780 at the disposal of the Public Works Department.

4. The Board cannot but notice the very loose and imperfect manner in which the original estimates for the bridges in question have been prepared in the Superintending Engineer's Office, and Captain Prendergast does not say who is immediately responsible for such serious omissions in those estimates as those pointed out by him in his letter to the Collector, which forms the enclosure to the letter under acknowledgment.

*Proceedings of the Madras Government, Revenue Department,
1st April 1868.*

No. 12. ORDER THEREON, 1st April 1868, No. 851.

Miscellaneous.

1. The Government sanction the revised estimates and the arrangements adopted by the Board for providing the requisite funds. The circumstances that rendered necessary the revision of the estimates, will be considered in the Department Public Works.

2. The Government note with serious dissatisfaction the excessive delay, from 15th November 1867 to 28th February 1868, that occurred in the Collector's Office in submitting the Superintending Engineer's letter and the revised estimates, and desire that the Collector's explanation may be forwarded to them.

(True Extract.)

(Signed) W. HUDLESTON,
Secretary to Government.

To the Board of Revenue.
„ the Department Public Works.
„ the Accountant General.

Exd. S. T. Augustin.

No. 2,172.

PROCEEDINGS OF THE BOARD OF REVENUE, dated 25th March 1868.

Read the following letter from the Honourable D. ARBUTHNOTT, Collector of Madura, to the Secretary to the Board of Revenue, dated Camp at Melur, 28th January 1868, No. 9:—

1. I have the honour to submit, herewith, for the Board's sanction, revised estimates with comparative statements for the Munjalaur bridge (Rupees 7,390), and for the Venkatadricottah bridge (Rupees 6,700), the amounts of the original estimates having been Rupees 4,400 and Rupees 3,850.

2. I also beg to send the letter from the Superintending Engineer under date the 15th November last, No. 1,601, explaining in detail the cause of the revised estimates exceeding the original.

3. It will be observed that the allotments of funds, in the current year's local Budget, are Rupees 1,991 for the Venkatadricottah bridge, and Rupees 1,500 for the Munjalaur bridge, and the additional sum required for the two is Rupees 5,840.

4. The Superintending Engineer says that he will be able to spend this year only Rupees 2,000 out of the Budget allotment (Rupees 5,060) for the Pallapati bridge. I, therefore, beg the Board's sanction for taking a sum of Rupees 2,780 from "the Reserve Fund" to meet the above requirement of Rupees 5,840.

ENCLOSURE No. 1.

From Captain H. L. PRENDERGAST, R.E., Officiating Superintending Engineer, Eighth Division, to the Collector of Madura, dated 15th November 1867, No. 1,601.

1. I have the honour to forward for your countersignature, and transmission to the Board of Revenue for sanction, revised estimates with comparative statements for the Munjalaur bridge (Rupees 7,390), and for the Venkatadricottah bridge (Rupees 6,700); the amounts of the original estimates having been Rupees 4,400, and Rupees 3,850.

2. *Munjalaur Bridge.*—The original estimate of Rupees 4,400 was prepared in the Superintending Engineer's office, and sanctioned in March 1865. The cause of the revised estimate exceeding the original, is principally in the plan having been defective: no allowance was made for foundations to wing-walls; and insufficient thickness was given for archwork and parapets; hence the excess in brick in chunam.

No provision was made for a flooring between the piers; the river comes down very rapidly from the adjacent hills; and it appears highly necessary to have a flooring of rough stone in chunam with retaining walls.

The rate allowed for plastering was insufficient.

The allowance for centerings was quite inadequate: from the sudden occurrence of freshes in the river, whenever there is even a short fall of rain on the hills, rough centerings are of no use; but good substantial ones are required to obviate danger to the arches. These, however, will be available for other bridges.

The amount allowed for excavating foundations, and removing foundations of old bridge, was not at all accurately estimated, nor that for scaffolding and centering pillars. Hence the excess amounts to Rupees 2,990.

3. *Venkatadricottah Bridge*.—The original design for this bridge was still more defective. The depth allowed for the foundations was not near enough; and an additional depth of from one to 5½ feet for piers and wing-walls has been considered necessary, causing at once an increase of brick in chunam to the extent of Rupees 1,194.

No provision at all was made for wells.

No flooring was allowed; and this river like the Munjalaur being also a rapid torrent from the hills, a flooring is quite necessary with retaining walls of rough stone in chunam.

The scaffolding was not adequately provided for, and the provision for excavating foundations, baling, &c., has to be increased by Rupees 489, on account of the greater depth.

Hence the total excess amounts to Rupees 2,850.

The former estimate for this bridge also was drawn up in the Superintending Engineer's office, and sanctioned in November 1865.

4. Both of these plans were sanctioned before I took charge of this office; and I have myself disapproved of the system, of bridge plans especially, being drawn up and estimates being made in my own office, to be forwarded to the Range Officer for execution, as he then has not worked out the details, or looked into the circumstances of the particular locality, the foundations for instance, which vary so much from the nature of the river, and its bed, being the most important item of a bridge-work.

5. The allotments of funds in the current year's local Budget, are Rupees 1,991 for the Venkatadricottah bridge, and Rupees 1,500 for the Munjalaur bridge, and the additional sum required for the two is Rupees 5,840.

I have remarked in paragraph 1 of my letter, No. 1,496, of the 2nd instant, that a sum of Rupees 2,000 would probably remain unexpended, at the end of the current year, out of the Budget allotment (Rupees 5,060) for the Pullapatty bridge, and the difference (Rupees 3,060) is available to meet in part the requirement of Rupees 5,840, the balance (Rupees 2,780) might perhaps be obtained from the large allotment for the year (Rupees 20,539) in your hands for the Pereacolum road; or else if you require that full sum for expenditure, a transfer of Rupees 2,780 may be made from the next largest allotment, namely, Rupees 15,000, for the road between Tondy and Tripatore.

6. I observe in looking over my letter adverted to above, of the 2nd instant, that I have not expressed clearly, the reason of only Rupees 2,000 being likely to be spent on the Pullapatty bridge; I should have added to the words "no work can be done at the foundations," the explanation that this being the monsoon time, work could not be begun in the bed of the river, at present or till about the second week in January, which would leave only a part of that month, and the two following months, before the close of the official year.

ENCLOSURES Nos. 2 to 5.—Estimates and Comparative Statements.

1. The revised estimates, amounting in the aggregate to Rupees 14,090, received with the foregoing letter, for the Munjalaur* and Venkatadricottah† bridges, will be submitted for the sanction of Government.

* Rupees 7,390
† „ 6,700

Rupees 14,090.

2. The original estimates for these works amounted to Rupees 4,400 and Rupees 3,850, respectively, and were sanctioned by Government in their Orders marginally noted.

3. The additional sum required for the completion of the two bridges is Rupees 5,840, which the Collector proposes to meet from two sources, that is, Rupees 3,060 from the allotment for the Pullapatty bridge, which appears as Item No. 6 in the current year's revised District Road Fund Budget, and Rupees 2,780 from the Reserve. The Board authorize the proposed transfer in anticipation of

the sanction of Government to the estimates now submitted, as the current official year is so near its close. The Accountant General is requested to place the sum of Rupees 2,780 at the disposal of the Public Works Department.

4. The Board cannot but notice the very loose and imperfect manner in which the original estimates for the bridges in question have been prepared in the Superintending Engineer's office, and Captain Prendergast does not say who is immediately responsible for such serious omissions in those estimates, as those pointed out by him in his letter to the Collector, which forms the enclosure to the letter under acknowledgment.

(True Copies and Extract.)

(Signed) R. A. DALYELL,
Secretary.

To the Secretary to Government, Revenue Department,
with two Estimates and Comparative Statements, and copy of enclosure.

Copy to the Collector of Madura.

„ to the Superintending Engineer, Eighth Division.

„ to the Controller of Public Works Accounts.

„ to the Accountant General.

Exd. J. Wright.

W-851.

Ref: Subst

The mixed Estimates & the
arrangement adopted by the
S. for providing the requisite
funds. The Commission has
found it necessary to revise
of the Estimates with a view
to the S. S. S.

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Ref: Subst
Ladies Discretion to the
delay from 15th/10/65 to 28. Feb/68
that occurred in the S. S. S. office
in sub of the S. S. S. S. S. S.
the mixed Estimates. S. S. S. S.
that the S. S. S. S. S. S. S. S.
presented to them

21
6
Act of 1868

54
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10th Oct/68

1868.

Department.

No.

PROCEEDINGS OF THE BOARD OF REVENUE.

Dated 25th March 1868.

Received

No. 2,172.

Submitting, for sanction of Government, with
remarks, revised estimates for Munjalaur and
Venkataricottah bridges, in Madara district,
amounting to Rupees 14,090.

See also 1868/1869