(1) Number of pages 18

(2) Date of repair 4.8.87

(3) Initials of the Referencer

TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

Public Works DEPARTMENT

G.O. No. / B.P. No.	2604 W.	Press. / Mis.
Dated	15-9-1883	188 .

S.G.F.

Not to be folded or roughly handled.

Archives —1 10,006-9 88

2604/1

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

Read—the following letter from L. MOORE, Esq., Acting Collector and District Magistrate of Salem, to the Deputy Chief Engineer, Public Works Department, dated 4th September 1883, No. 132 L.T.: —

I have the honor to forward, herewith, a revised estimate, with comparative statement, for Rs. 21,500 against the estimate of Rs. 18,000 sanctioned in G.O., dated 10th July 1882, No. 1740 W., for constructing a bridge over the Vasista River at Talavasal, and to state that there is no change in the plan or design already sanctioned. The excess sum, viz., Rs. 3,500, is for meeting the increased expenditure to be incurred under certain items and fully explained by the Engineer in his letter (copy enclosed).

As the work, which is approaching completion, cannot be discontinued owing to rainy season, I beg that sanction to the revised estimate may soon be obtained. Copy of the Circle Board's resolution passing the revised estimate and application to Board of Revenue for allotment of funds accompany.

Enclosure.

From CECIL SCOTT, Esq., District Works Engineer, to the Acting Collector and President, Local Fund Boards, Salem, dated Salem, 11th July 1883.

I have the honor to submit, herewith, a revised estimate for Talavasal bridge works for the Board's sanction, raising amount of estimate from Rs. 18,000 to Rs. 21,500. This large difference is explained as follows. Six items are to be exceeded :—

"*Baling.*"—Baling charge to be raised from Rs. 300 to Rs. 1,000. The baling charges on this work have been enormous ; frequently I have seen twelve picottahs working and after perhaps a week's hard work, night and day, a fresh in the river has filled the excavation up with sand and stopped all work ; this has occurred twenty or thirty times in the course of the work.

The estimate could not afford English pumping with copper dam.

When the old Public Works bridge was built (it was built twice, being swept away while arches were being turned), I am informed, the anicut was cut below to relieve the baling, but as that would necessitate heavy remission of revenue and far greater cost generally, I could not recommend it.

"*Burnt Stone in Chunam.*"—The rate has been raised 8 annas per cubic yard. Until comparatively lately I really hoped to do this work within the rate, but the heavy cost of lifting by pulleys and the slow and costly process of building a narrow pier to a great height has prevented my doing so.

"*Surface Concrete.*"—The rate has been raised 8 annas. The comparative novelty of building large blocks in site, carried out so successfully, was, while the *whole bridge* was in progress, so carefully worked by Mr. Lowry (lately in charge) that the cost per cubic yard, including all minor superintendence, was gradually reduced to Rs. 2-7-0 ; but even before Mr. Lowry left, so soon as the frequent freshes hindered the work, the rate began to rise, and since then, there being the same constant hindrance and only the tops of piers to work at, the rate has very largely increased.

The delay has necessarily increased charge for superintendence, but it is still very low.

The remaining three items—*Girders and Workmanship, Erection* and *Cartage* (42 miles).—Placing stone slab roadway being new and therefore experimental, it was impossible to estimate exactly, and cooly labor has only been obtained with great difficulty.

I may mention, with reference to charges of erection, that on two occasions, once before Mr. Lowry gave over charge and once since a girder has been erected and in one night before it could be lifted, a fresh of nearly 12 feet has overturned the girder and bent a portion which had to be made again fitted, &c.

The estimate has now been exceeded and some bills are outstanding. Five out of nine girders have yet to be lifted and two-thirds of flooring laid.

ORDER—dated 15th September 1883, No. 2604 W., Public Works.

The third revised estimate, amounting to Rs. 21,500, for constructing a bridge over the Vasista River at Talavasal, in the Salem District, is sanctioned.

2. The excess of Rs. 3,500 over the second revised estimate of Rs. 18,000, sanctioned in G.O., No. 1740 W., dated 10th July 1882, is explained in the correspondence above recorded.

3. This sanction has been registered as Local No. 30 W. of 1883-84 and supersedes Local No. 8 W. of 1882-83.

(True Extract.)

Major, R.E.,
Under Secy. to Govt., P.W.D.

To the Board of Revenue, with five Enclosures.
" Superintending Engineer, Fourth Circle.
" Accountant-General.
" Financial Department.

Exd. A. F. Goodall.
Spare Copies

2604
2/2

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1883} Madras.

PUBLIC WORKS.

Dated September, 15th.

Read. *Encl.*

G.O., 15th Sept. 1883, No. 2604 W.

SEPTEMBER.

Bridge

The third revised estimate for constructing a — over the Vasista River at Talavasal, Salem District, sanctioned.

REFERENCE ON No. 132 / L.J

Salem Collector's Office,

Lewis Moore 4th September 1883.

From C. D. Macleane, Esq.,

Ag. Collector & District Magistrate

of Salem.

2604 / S

To the Dy. Chief Engineer

Public Works Department

Sir,

I have the honor to forward herewith a revised estimate, with Comparative Statement for Rs 21500 against the estimate of Rs 18000 sanctioned in G.O. dated 10th July 82 No 1740 W, for constructing a bridge over the Vasista River at Talavasal and to state that there is no change in the plan or design already sanctioned. The excess amount viz Rs 3500 is for meeting the increased expenditure to be incurred under certain items and fully explained by the Engineer in his letter (copy enclosed)

Cons: four

As the work, which is approaching completion cannot be discontinued owing to rainy season, I beg that sanction to the revised estimate may soon be obtained. Copy of the Circle Pandit's resolution forming the

the revised Estimate and application to Board of
Revenue for allotment of funds accompanying.

I have the honour to be,
Sir,
Your most Obt. Servant

R. Hollis President

2604
4

B 1393 w 1 3-6-81
A. 2812 w 11-11-81
" 1740 w 10-4-82
" 3211 w 6-12-82

Rev. Dte. 7823

From the Collector

and District Magistrate,

Salem.

To The Dy Chief Engineer
P. W. Department
Madras

Dated 4th September 83

Ref No. 132
L.7

SUBJECT.

Regarding the passing of revised Estimate for the Talavasal Bridge.

Salem
11th July 1883.

Z.

C. D. Cornelius Esqr

Executive Engineer

Local Fund Roads

Salem.

Sir,

I have the honor to submit herewith a revised estimate for Talavasal Bridge with for the Board's sanction

Reasons annexed to Estimate from Rs (18000 — —) Eighteen thousand to Rs from (21500 — —) Twenty one thousand five hundred

This large difference comprises as follows:— The items are to be read as

"Baling". Baling charge is increased from Rs 300 to Rs 1000. The Baling charges in this work have been exceedingly heavy & have necessitated the working of [illegible] & perhaps more than [illegible] & a pack in the river has [illegible] the cofferdams & will [illegible] & affected all work, this has occurred twenty or thirty times in the course

J

Boding
Est 9 RP 15/9

of the work.

The Estimate could not afford English

prices for such work.

When the Wooden Bank Briage

was built, (it was built twice being swept

away, while arches were being turned) I am

informed the object was not to relieve

the heating, but as that would necessitate

heavy remission of revenue and for greater

cost generally I could not recommend it.

Burnt Stone & Chunam. The rate has been

raised eight annas per cubic yard. Until com-

paratively lately I really hoped to do this work

within Estimate but the heavy cost of lifting

by pulleys and the slow and costly process of

building upwards from a great height does

frustrate any drawings and

Surkee Concrete. This rate has been

raised eight annas. This is especially

of building large blocks in

so successfully, was, while the whole Bridge was

in progress, so carefully watched by Lt. Lowry

2604

(lately) [illegible]

[illegible]

[illegible]

[illegible]

constant hindrance and only the tops of

piers to work at the rate has very largely

[illegible]

The delay has necessarily increased

charge for Superintendence but it is still —

very low.

The remaining 3 items Feriders and

workmanship, Erection & Carriage (142 miles).

Planing Stone Flat roadway Engineer and

therefore experimental; it was impossible to

estimate exactly and as only labor has only been

obtained with great difficulty

I may mention with reference to

Charges of erection, that on two occasions

before Lt. Lowry gave me a Fitter and one

Driver a Feriden has been erected and

Yzlet

Sanction in usual
form — CJ
8/7

Public Works Department, 1883-84.

2604

Current No. 7643
Letter No. 132/72
Dated the 4th September 83
From the Collector of Salem
16 0/12

NOTE OF REMARKS.

1. The accompanying is the revised estimate for the construction of bridges over the Vaigai river at Kalamal, Salem District. The revised estimate now submitted amounts to Rs. 21500 being Rs. 3500 in excess of Sanction No. 1740 Dept 10/7/82.

2. The increase in amount of estimate comes under the following items:- Earth work - Rs 700; Stone work - Rs 266; Surkee concrete - Rs. 585; Lime 9% - Rs 450; Cleaning and bankage - Rs. 675; Roadway - Rs. 150; and Supervision 8% - Rs. 844. The causes of excess in each case is explained by the E.E. Engr. in his letter to the Sub Collector of Salem, dated 11th July 83.

3. A comparative statement has been submitted but the form is certainly improper and not in accordance

with that laid down in the D.P.W. Code.

7th Sept 83

B.B.

B 7 Sept 83

No 2604/83 PUBLIC WORKS DEPARTMENT.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the 15 Sept 1883

2604/8

READ the following

From the Presidt L.F. Salem No 1349/L.F. dy 11 Sept 83

5 The third revised estimate, amounting to Rs 21,500, for constructing a bridge over the Vasista River at Salavasal, in the Salem District, is sanctioned.

2 The excess of Rs 3500 over the second revised estimate of Rs 18,000, sanctioned in G.O. No 1740 W dy 10th July 1882, is en= planed

plained in the correspon-
dence above recorded.

3. This question has
been registered as
Local No 30 W of
1883-84. & supersedes
Local No 8 W of 1882-83

Cn

7C

212 C 30.1.84
315-C 11.2.84
669-70 C 20.3.84

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Acct Genl 4.
Trade dep[illegible] 7

2604/9

1643

Govt. of [1883] Yndrns.

PUBLIC WORKS.

1879

Dated

Rec'd Dated

C. D. 5th Sept. 1883. No. 7604

Nos.

Bridge

The third revised

Estimate for Constructing

a ——— over

the Vaqueria river

at Talcavuad Salem

District, Sanctioned

67/5

Entd in Regt Register