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TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

P.W. DEPARTMENT

G.O. No.	727-W	Press.
B.P. No.		Mis.
Dated	23.3.1885	198.

Not to be folded or roughly handled

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following paper :—

Proceedings of the Board of Revenue, dated 16th March 1885, Mis. No. 2524.

Read—the following letter from Colonel J. BEATTY, R.E., Superintending Engineer, IV Circle, to the Secretary to the Board of Revenue, dated Coimbatore, 4th March 1885, No. 90-M. :—

In forwarding the accompanying comparative statement of expenditure on the Talavasal bridge up to 31st March 1884, with letter from the President, Local Fund Board, Salem, I have the honor to observe that, as shown in pencil in the statement, exclusive of the three items which were not provided for in the sanctioned estimate, the outlay was within the sanction; but including those items (wooden roadway, plastering and removing and fixing corbels and burnt stone) there is an excess of Rs. 626-5-3.

Resolution—dated 16th March 1885, Mis. No. 2524.

The sanction of Government is requested to the excess expenditure of Rs. 626-5-3 over the revised estimate of Rs. 21,500 sanctioned in G.O., Public Works Department, dated 15th September 1883, No. 2604 W., and to the deviations in the sub-heads of the sanctioned estimate.

(A true Copy and Extract.)

(Signed) C. F. MACCARTIE,
Acting Sub-Secretary.

ORDER—dated 23rd March 1885, No. 727 W., Public Works.

The excess expenditure is sanctioned.

(True Extract.)

To the Board of Revenue, with three enclosures.
" Superintending Engineer, IV Circle.
" Financial Department.

Exd. A. Grubert.
Spare Copies

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

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of (1885) Madras.

PUBLIC WORKS.

Dated March, 23rd.

Recd.

Encl.

G.O., 23rd March 1885, No. 727 W.

MARCH.

Talavasal Bridge over the
Vasista, Salem District

Excess expenditure incurred on the —
sanctioned.

15TH SEPTEMBER 1883, No. 2604 W., PUBLIC WORKS.

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 ancient 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.

"Surkee Concrete."—The rate has been raised 8 annas. The comparative novelty of building large blocks in situ, 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.)

(Signed) R. H. SANKEY, Major-General, R.E.,
Secretary 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

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of (1883) Madras.

PUBLIC WORKS.

Dated September, 15th.

Recd.

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.

No 90
m

Superintending Engineer's Office. H. H. C.
Coimbatore, 4th March. 1885

BOARD'S GEN. REG. N° 1557 OF 1885

From

The Superintending Engineer
4th Circle.

To,

The Secretary
to the Board of Revenue
Madras.

Sir,

Enclosures.

1. Letter from the
President L. J. B.
No 127 of 23/2/85.

1. Extract from the
Memorandum of the
Salem dated 21/1/85.

1. Comparative
Statement.

In forwarding the accompanying Comparative Statement of expenditure on the Talavasal Bridge up to 31st March 1884 with letter from the President Local Board Salem, I have the honor to observe that, as shown in pencil in the statement, exclusive of the three items which were not provided for in the sanctioned estimate, the outlay was within the sanction; but including those items (wooden roadway, plastering and removing and fixing corbels and

about stone) there is an excess
of Rupees 626-5-3.

I have the honor to be
Sir,
Your Most Obedt. Servant.

I. Beatty, Colonel, R.E.
Superintending Engineer
4th Circle.



Proceedings of the Board of Revenue.

Dated 16th March 1885.

No. 2524 his

READ Letter from the Superintending Engineer,
IVth Circle, dated 4th March 1885, no. 90^m.

Resolution:-

The sanction of Government is —
requested to the excess expenditure of
Rs 626-5-3 over the revised estimate
of Rs 2,500 sanctioned in G.O. P.W.D.
dated 15th September 1883, no. 2604.W. and
to the deviations in the sub heads of
the sanctioned estimate.

(Enc Extract)

By Sub Secretary.

To,
The Secretary to Govt. P.W.D.
with letter & encls in orig. Ltr to
President, L. F. B. Salem
Superintending Engineer 4th Circle

21.10.85

3
No 727. W of 23 March 85

The excess expenditure
is sanctioned
is sanctioned.

Cl.
23.3.85

23.3.85

23/3

23/3

3
Bd of Res with 2 Encls
Board of Res with 4 Encls
S. S. Anand Dept
Financial Dept

1885
Board of Revenue,
MADRAS.



To
The Secretary & Govt
Public Works Department.

Proceedings, dated 16 March, 1885,
No. 2524

Subject.

Requesting sanction to the
excess expenditure of Rs 626-5-3
the sanctioned amt. and how
certain deviations in the sub-
heads of the passed estimates
for the construction of Zalam
Bridge in Salem District.

With Order

Public Works Department, 188-8.

Current No.

Letter No.

Dated the

From the

NOTE OF REMARKS.

The accompanying is a
comparative statement
of the expenditure incurred
on the Zalam
bridge over the river
over up to the 31st March
1884 with the third revised
estimate for that work,
sanctioned in B.O. No 2604/74
of the 15th Sept. 83. — The
total extra expenditure on
expenditure of Rs 21,500
— being Rs 626-5-3 in excess
of the sanctioned amount,
Rs 21,500.

As noted by S.E.N. there
is a statement of expenditure on
show for which no other
of works and about which
no satisfactory explanation
is given. The

8/27

2646

Govt. of Madras.

PUBLIC WORKS.

Dated

Recd.

Encl.

G.O. No. 1885, 1885

Talavast Bridge

over the Vasishta, Sub.

Goods deposited
on the
bridge
structures

70
11

1853/02