8

(1) பக்கங்களின் எண்ணிக்கை 16.

(2) புதுக்கித் திருப்பிய நாள் April 90

(3) ஆதாரங்குறிப்பவர் சுருக்கொப்பம்

தமிழ்நாடு ஆவணக் காப்பகம்.

தமிழ்நாடு அரசு

P.W.D. துறை

அரசாணை எண்.
மு. கோப்புத் தாள் எண். 3124

அச்சகம்
பலவகை

நாள் : 24.11.1890

மடித்தவோ கண்டபடி கையாளவோ கூடாது

ஆவண, எ1-1—18,000—15-6-87.

3124
1

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads,
Civil Works.

READ—the following papers :—

From Colonel W. H. BURTON, R.E., Superintending Engineer, V Circle, to the Chief Engineer, Public Works Department, dated Chepâk, 15th October 1890, No. 3314.

I have the honor to forward, for the sanction of Government, a revised estimate, amounting to Rs. 2,04,750, for constructing the bridge across the Gadilam river at New Town Cuddalore, the original estimate for which, amounting to Rs. 1,66,000, was sanctioned in G.O , No. 527 W., dated 16th February 1888.

2. I enclose a comparative statement accounting in detail for the various items of excess and savings over the original estimate, with usual explanation of difference, from which it will be seen that the cost of iron work sent out from England and erected on the work exceeds that provided in the original estimate by Rs. 32,789, this is due to Sir Alexander Rendel's design for the iron work having been substituted for Mr. Martin's (*vide* G.O., No. 3891, dated 11th December 1888) and is the chief cause of the original estimate having been now so largely exceeded.

The other principal items, on which the original estimate has been exceeded, are as follows :—On brick work Rs. 3,940, on laterite stone work Rs. 2,271, on tools and plant Rs. 2,000, on compensation for land Rs. 2,020, and on other sundry and minor items the excess is Rs. 6,040, against which, however, there are savings on various items, aggregating Rs. 10,310 ; so that the net excess is Rs. 38,750, for which I now request sanction.

Note by the Chief Engineer, Public Works Department.

In G.O., No. 3891 W., of 11th December 1888, the Government accepted Sir A. Rendel's estimate for the iron work of the Gadilam bridge, and the increase in cost due to this, viz., Rs. 27,246, is a necessary consequence of the girders being heavier and slightly higher priced than those allowed in the original estimate of Rs. 1,66,000, sanctioned in G.O., No. 527 W., of 16th February 1888.

2. The following item was apparently omitted in the original estimate—painting Rs. 2,731—and the expenditure of Rs. 2,812 on the asphalte flooring of the bridge can scarcely be all put down to the change in design, unless the rate allowed for the girders in the original estimate provided for wooden flooring, which apparently it did not. The other items of excess and saving are from causes incidental to every large work and the undersigned recommends that the revised estimate of Rs. 2,04,750 be sanctioned, the greater part of the excess being due to the alterations in design sanctioned by Government.

(Signed) J. PENNYCUICK, Colonel, R.E.,
Chief Engineer, P.W.D.

14th November 1890.

3124/2

Order—dated 24th November 1890, No. 3124 W., Public Works.

The revised estimate, amounting to Rs. 2,04,750, for constructing an iron girder bridge across the Gadilam river in the South Arcot district, is sanctioned in supersession of the estimate* of Rupees 1,66,000, sanctioned in G.O., No. 527 W., dated 16th February 1888.

* Registered as Provincial No. 137 W. of 1888-89 (*vide* G.O., No. 514 W., dated 20th February 1889).

2. This sanction has been registered as Provincial No. 78 W. of 1890-91 and classified as Communications, Original Works.

(True Extract.)

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

To the Superintending Engineer, V Circle, with eight enclosures.
" Examiner, Public Works Accounts.
" Local and Municipal Department.

Encl. A. D. Xavier.
Spare Copies.

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1890} Madras.

PUBLIC WORKS.

Dated November, 24th.

Read. *Encl.*

G.O., 24th Nov. 1890, No. 3124 W.

NOVEMBER.

Bridge

Revised estimate for constructing an iron girder — across the Gadilam river, South Arcot district, sanctioned.

SUPERINTENDING ENGINEER'S OFFICE,

No. 3314 V Circle, Madras, 3124/3

Chepâk, 16th October 1890.

From Coll. W. H. Burton, R.E.C.O.

SUPERINTENDING ENGINEER, V CIRCLE,

To THE Chief Engineer

P.W.D. Despatch.

SIR,

Enclosures.

I have the honor to forwarded for the sanction of Government a revised Estimate amounting to Rs. 204,750 for constructing the Bridge across the Gadilam River at New Town Cuddalore, the original Estimate for which amounting to Rs. 166000 was sanctioned in G.O. No. 527 W dated 16th February 1888.

2. I enclose a Comparative Statement

Statement accounting in detail for the various items of excess & savings over the original estimates with usual explanation of differences from which it will be seen that the cost of iron work & contour from England and erected on the work exceeds that provided in the original Estimate by Rs 32,789 = thus is due to Sir Alexander Rendel's design for the iron work having been substituted for Mr Martin's vide G.O. No 3891 dated 11 Decemb: 1888 and is the chief cause of the original Estimate having been now so largely exceeded =

The other principal items on which the original Estimate has been exceeded are as follows:—

On Brick work Rs 3940.

2

On Latrite Stone work Rs 2271.
On Tools and Plant " 2000
On Compensation for land " 2020
and on other Sundry and Minor items the excess is 6040
against which however there are Savings on various items aggregating Rs 10,310 = So that the nett excess is Rs 38,750 for which —

I now request Sanction.

3124 Rk

I have the honor to be
Sir
Your Most Obedt Servt

Lt Burton
Offg R.E.
Supg Engr 5th Circle

From
The Supdg: Engineer
5th Circle

To
The Chief Engineer
P.W. Department

Dated 15th
Rcd 23rd } October/90
Read }

Encls 4:

No 3314.

Iron Girder Bridges
across the Godilawa
River Kudalalawa

Forwards a Revised
Estimate for Construct-
-ing an —

No 2674 W of 25-9-89.
Despatch No 15/2069 W of 1-8-89.
Rec: No 14 of 1889.
" 1718 W of 20.6.89.
" 3891 W of 11-12-88.
" 527 W of 16.2.88
" 514 W of 20-2-89.

P. W. Department
3124
5

Note by the Chief Engineer P. W. Department 4

Rec'd G. O. No: 3891 W
of 11th December 1888 the Govt
accepted Sir A. Rendel's estimate
for the iron work of the Godilawa
bridge, and the increase in cost
due to this req Rs 27,246 ~~was~~
is ~~be accepted~~ a necessary
consequence of the girders being
heavier and slightly higher as
priced, than those allowed in
the original estimate of Rs 1,66,000,
sanctioned in G. O. No: 527 W of
16th February 1888.

The following items
~~were~~ has apparently omitted in
the original estimate:
Painting Rs 2731; and the
expenditure of Rs 2812 on
the

the asphalte flooring of the bridge can scarcely be all put down to the change in design, unless the rate allowed for the girders in the original estimate provided for wooden flooring, which apparently it did not. The other items of excess and saving are from causes incidental to every large work and the undersigned recommends that the revised estimate of Rs 2,04,750 be Sanctioned; the greater part of the excess being due to the alterations in design Sanctioned by Government.

13.11.90
14.11.90

put down to the change in design, unless the rate allowed for the girders in the original estimate provided for wooden flooring, which apparently it did not. The other items of excess & saving are from causes incidental to every large work and the undersigned recommends that the revised estimate of Rs 2,04,750 be Sanctioned; the greater part of the excess being due to the alterations in design Sanctioned by Government

13.11.90

Public Works Department.

3124/6

Current No. 10,088
Letter No. 3314
Dated 15th October 1890
From the Supdg Engr 1st Circle

NOTE OF REMARKS.

The revised Estimate under review amounting to Rs 2,04,750 for Constructing an iron girder bridge across the Godavari river at New Town Cuddalore is submitted for Sanction in supersession of the Estimate for Rs 1,66,000 sanctioned in G.O. No 527 W dt 16th February 1888.

The Excess over Rs 38,750 is stated to be due to the substitution of the Pamban design for the iron work for the Girders. The Excess in this item alone is Rs 32,489, the other items of the Excess are in

Brickwork Rs 3,940
Concrete Stonework — 2,271
Compensation for land 2,020
Foundations — 2,000
and other minor items

The following extract

are in excess of the rates given in the schedule for Executive Sub division –

1 Brick in mortar - Rs 23 per 100 c/ft against Rs 14-8-0

2 Cuttaneerb – Rs 1-10-0 per c/ft against Rs 1-3-0

4 Rangoon stone packing - Rs 13-4 per 100 c/ft against Rs 8-0-0

4 Painting with one coat of Cuttack paint Rs 1-10-0 per 100 Sq: ft against Rs 1-2-0

The rates are in some cases in excess of the rates in the sanctioned Est: but the rates in the estimate are entirely

Engr
8. 11. 90

Noted by S.W.

In C.O. No 3591 W of 11th Dec. 1890 the Government accepted in A Remarks column of the Godalaur bridge, and the remarks in which does not affect the sanctioned amount of Rs 27,246 may be accepted as a necessary consequence of the garden being cleared & rightly kept in repair, those items allowed in the original estimate of Rs 1,660 sanctioned in G.O. 527 W of 16th Feb 1888.

The following items were apparently omitted in the original estimate:

Painting Rs 273-1 and the expenditure of Rs 0512 on the asphalte flooring of the bridge can scarcely be called

PUBLIC WORKS DEPARTMENT.

No 3124 W dy 24 November 90 3129.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

READ the following

Letter from the Supty: Engineer V circle No: 3314 dated 15 October 1890

Note by the Chief Engineer, P.W. Dept dated 14 November 1890

The revised estimate amounting to Rs 2,04,750 for constructing an iron girder bridge across the Godalaur river in the South Arcot District, is sanctioned in supersession of the estimate of Rs 1,66,000 sanctioned in G.O. No: 527 W dy 16 February 1888.

2 This sanction has been registered as Provincial No: 78 W of 1890-91 and classified as Communications. Original Works.

Registered as Provl No: 137 W of 1888-89 vide G.O. No: 514 W dy 20 Febry/89.

To
The Supty: Engineer V circle with 8 cvelops.
" Examiner P.W. accounts.
" Local and Municipal Dept

CNo 10088

Govt. of Madras.

PUBLIC WORKS.

Dated

Read. Encl.

G.O. 24. XI. 1890, No. 3124 W

Bridge

Revised estimate for constructing an iron girder ~~bridge~~ across the Gadilam river, S. Arcot Dt, sanctioned.-

D.O. 25.XI.90