M.R.O. 1—77,003—8-6-37.

(1) Number of pages 10

(2) Date of repair

(3) Initials of the Referencer

MADRAS RECORD OFFICE.

Government of Madras.

Public Works **DEPARTMENT.**

G.O. No. 3913 Press / Mis.

184-185

Dated 11- 12- 1866.

Not to be folded or roughly handled

Proceedings of the Madras Government, Public Works Department,
11th December 1866.

No. 184. Read the following letter from the Acting Superintending Engineer, 1st Division, to the Secretary to Government, Public Works Department, dated Camp at Berhampore, 24th November 1866, No. 184:—

Original Estimate, Rupees 75,000, sanctioned in G. O. No. 2,852 of 28th November 1862.
Revised Estimate Rupees 81,683.

1. I have the honor to forward comparative Statement, &c., with explanatory letter from the Executive Engineer, showing reasons for a supplemental estimate for the new iron bridge at Cocanada.

2. I trust that the Government will be able to allot this addition, as this most important work is now making progress under the charge of Captain Beckley, whom I have specially deputed to this duty.

No. 185. ORDER THEREON, 11th December 1866, No. 3,913.

CIVIL WORKS, No. 38.

1. In Proceedings No. 2,852, dated 28th November 1862, the Government sanctioned an estimate of Rupees 75,000 for an iron screw pile bridge across the river Yalairoo in the Godavery District, in substitution of the wooden lattice bridge which previously spanned that river, but which was condemned as being too narrow for wheeled traffic, and so old and ricketty as to endanger the lives of passengers using it to the number of nearly 13,000 daily.

2. The Acting Superintending Engineer of the 1st Division now submits a revised estimate of Rupees 81,683 for the structure, exhibiting a net increase of Rupees 6,683 or about nine per cent. The items in which the original estimate has been chiefly exceeded are in "iron castings" and "screwing down piles, including platforms, gear, &c." Under the former head the excess of Rupees 7,140 is said to be due to the castings having been obtained, though irregularly, from England at a cost of Rupees 250 per ton including freight, &c., and under the latter head to the provision in the original estimate being below actual requirements by upwards of Rupees 3,400. Against these and other minor excesses there has been a saving of Rupees 5,458 chiefly in the items of "baling," "workshop superintendence" and "compensation."

3. The work is stated to be in active progress, and the Acting Superintending Engineer applies for a grant equivalent to the excess now reported, to supplement the Budget allotment for the work. The Government sanction the revised estimate of Rupees 81,683, and as the early completion of the bridge is desirable, they resolve to place a sum of Rupees 6,683 at the Superintending Engineer's disposal from the Reserve under "Communications" to which head a corresponding sum will be transferred from the Reserve under "Civil Buildings."

(True Extract.)

(Signed) CHARLES A. ORR, Colonel, R. E.,
Secretary to Government.

To the Superintending Engineer, 1st Division,
With one Original Letter and one Comparative Statement.
" Controller of Public Works Accounts.
" Accountant General.

Exd, S. T. Augustin.

Abstract Estimate of the probable expense of constructing
Lattice Girder Bridge at Cocanada in Godavery District.

Quantity	Description of work	Rate	Per	Amt. Total
40	Wells	24 ..	each	960 ..
683 $\frac{13\frac{2}{3}}{27}$	Cyds stone in Chunam	4 8 .	Cyd	3075 12 5
22 $\frac{2}{3}$	Cubic yards Cutstone work	15 ..	Cyd	340 ..
12	Cubic yards Cutstone Quoins to Abutments	12 ..	..	144 ..
-	Cutstone Coping to parapet walls	..	..	100 ..
260	Sqr Yards dressing rough stone to Abutments & wing walls	1 ..	Syd	260 ..
-	Excavating foundation	..	..	325 ..
-	Temporary bunds	..	..	364 ..
-	Baling	..	..	385 ..
-	Making road approaches	..	..	500 ..
-	Gravelling road way of approaches	..	..	625 ..
	Contingencies			704 3 7
1,90,543 $\frac{11}{16}$	lbs wrought iron	. 16	lb	17,864 .
190542	.. Smiths hire	. 8	lb	7939 4 .
24915	.. Castings	180 ..	Ton	2002 1 7
44-17	Tons do (Europe)	250 ..	do	11212 8 .
1575	Cubic feet Teakwood	2 8 .	Cft	3937 8 .
-	Carriage of Girders from Dowlaishwaram to Cocanada	..	..	600 ..
-	Erecting Girders & laying road way	..	..	1200 ..
-	Screwing down piles	..	..	7,500 ..
-	Workshop Centage	25 ..		10013 14 ~~6 6~~ 6 13 11
-	Compensation	..	..	8,500 ..

Rupees 81,683 ..

Executive Engineer

Camp Dowlaishwaram
Ex Engrs Office
12th November 66

Lieut Coll R.E.
Actg Supg Engineer 1st Dn

Exd

No 184

Supdg Engrs Office 1st Dn
Camp at Berhampore
24th November 1866.
Despd 25th do

From
Lieutt Col. F. J. Moberly R.E.
Ag Superintending Engr 1 D

To
Colonel C. A. Orr R.E.
Secretary to Government P.W.D.
Madras.

Sir,

I have the honor to forward Comparative Statement &ca with explanatory letter from the Executive Engineer shewing reasons for a supplemental Estimate for the new iron bridge at Cocanada.

2. I trust that the Government will be able to allot this addition as this most important work is now making progress under the charge of Captain Beckley whom I have specially deputed to this duty.

I have &ca &ca

F. J. Moberly
Lt Col. R.E.
Ag Supdg Engineer 1 D

Enclo:
3

Original Estimate Rs 75000 Sanctioned in G.O.
No 2852 of 28th Novr 62.

Revised Estimate Rs 81,683.

Enclosure in a letter
No 184 of 24 Novr 1866
from the Ag Supdg Engr
Engineer 1st D to the
Secretary to Govt.
P.W.D.

P W 487/4/66

The Supdg Engineer
1st Division

To. The Secretary to Govt.
P.W.D.

Dated 24th Novr }
Despd 25 do } 1866
Recd 3rd Decr do

No. 184
Enclo 3.

Forwards comparative Statement &c with the explanatory letter from the Executive Engineer Gody shewing reasons for a Suppl. Estimate for the New iron bridge at Cocanada

No 184

cw. 3913 - 11th Decr 1866.

Public Works Department
No. 3913

Proceedings of the Madras Government
Under date the 11th Decr 1866

Read the following

From
The Superintending Engineer of the 1st Division (No. No. 184 d/24 Nov 1866)

In Pro: No 2852 dated 26 November 1862, the Government sanctioned an estimate of Rs 75,000 for an iron screw pile Bridge across the river Galairoo in the Godavery District in substitution of the wooden Lattice Bridge which previously spanned that river, but which was Condemned as being too narrow for wheeled traffic, and so old and rickety as to endanger the lives of passengers using it to the number of nearly 13,000 daily.

N.
WR

The Ag Engineer of

the 1st Division now submits a Revised estimate of Rs 81,683 for the structure, exhibiting a net increase of Rs 6,683 or about 9 per Cent. The items in which the original estimate has been chiefly exceeded are in "iron Castings" and "screwing down piles, including platforms, gear &ca". Under the former head the excess of Rs 7140 is said to be due to the Castings having been obtained, though irregularly, from England at a cost of Rs 250 per Ton including freight &ca, and under the latter head, to the provision in the original estimate being below actual requirements by upwards of Rs 3,400. Against these and other minor excesses there has been a saving of Rs [illegible]

chiefly in the items of "Baling", "Workshops superintendence" and "Compensation".-

The work is stated to be in active progress, and the Ag Supdg Engr applies for a grant equivalent to the excess now reported, to supplement the Budget allotment for the work.- The Government sanction the Revised estimate of Rs 81,683, and as the early completion of the Bridge is desirable, they resolve to place a sum of Rs 6683 at the S. Engrs disposal from the ~~Income Tax assessment~~ Reserve under "~~Civil Buildings~~ Communications", - to which head a corresponding sum will be transferred from the Reserve under "Civil Bgs"

To
the S Engr 1st D with one original letter & one comparative statement
4 " Controller
" Acct General

10 ✓

27.3.05 ✓

27-7-12 ✓

P.W. 1866 Dept.

Pro: of Govt for December

No 3913

Pro of Govt of Madras

Dated 11th December /86

The revised estimate of Rs 81,883 for the Construction of bridges (iron screw pile) across the river Yalairoo, in the Godavery Dt, Sanctioned and a sum of Rs 6623 placed at the disposal of the Supg Engr for the work -