

excess quantity in casing being the  
 difference in thickness between  
 brickwork & rubble masonry, also  
 in extra depth of foundations owing  
 to the impossibility of stopping at  
 the estimated depth of 15 feet &  
 to the use of Portland cement  
 concrete filled in gunny bags for  
 the lowest layer of the abutments.  
 : ments R. ————— \$ 4526.

(b) Due to omission in estimate  
 under excavation work  
 for covering abutments & drain  
 holes, catch culverts, bed  
 stones & anchorage girders  
 & protection of exposed  
 brickwork at abutments &  
 : ments of roadway plank  
 : ments. These omissions  
 is reported became evident  
 as the work progressed ————— \$ 321

(c) Substitution of cement  
 mortar for ordinary chun:  
 : ments mortar in pointing  
 owing to the dampness of the  
 locality ————— 140.

(d) Insufficient provision in  
 estimate for excavating  
 foundations below water  
 level & of iron work & m:  
 : ments present charges ————— 10033  
 4946

(e) Other petty items ————— 285  
 308

Less savings on other items  
 chiefly in revetment to piers:  
 : ments section banks, landing  
 charges for iron work & petty  
 supervision owing to the low  
 : ments payment of a permanent  
 : ments ————— 2802

Total Gross R. 13506  
 13471

2414C  
 31-7-95

The S.E. in submitting the above  
 completion report states that  
 he has very carefully gone into  
 the matter & has satisfied him-  
 self that the excesses were  
 unavoidable & that they could  
 not have been readily foreseen.

An interesting proposition  
 made on the work explaining the  
 difficulty encountered in  
 laying the foundations & the  
 drawn up by Mr. Lewis has  
 also been submitted & the  
 S.E. suggests that it might be  
 printed, if it is thought fit.

The S.E. also recommends  
 that Mr. Ormerod Gilbert who  
 has superintended the execution  
 of the iron work, may be granted  
 a pecuniary remuneration of  
 \$ 200.

The report has not been  
 verified by the Manning P. & Co.

The  
 23.11.95

cut 1818  
 25/8/95

Public Works Department.

Current No. 2890  
Letter No. 146  
Dated 7<sup>th</sup> April 1895  
From the Superintending Engineer IV Circle.

NOTE BY TECHNICAL SECTION.

Name of work Completion report for  
Kullar suspension bridge.

The S.E. IV Circle submits a  
Completion report for constructing  
a suspension bridge of 200 feet  
span & 10 feet roadway across  
the Kullar river in the Nilgiri  
District.

An estimate amounting to  
Rs 42,500 was sanctioned in  
G.O. No. 2548W dated 7<sup>th</sup> Oct 93  
for the work. The expenditure  
incurred at completion amounts  
to Rs 56,006 being Rs 13,506 or  
31.77% in excess over the sanctioned  
estimate.

The principal reasons are  
under baling, encroachment of  
foundations, additional depth  
of foundations &c. as detailed  
below.

- (c) Due to deviation in founda-  
tions, viz. substitution of a  
casing of 10 feet brickwork for  
2.6" of rough stone work, & to  
the concrete foundations & to

Government of Madras.

1895.

P. W. DEPARTMENT.

CURRENT No. 2890  
4773

From

The S.E. IV Circle.

No. 146 W.

Dated 7-4-95

Received 10 - " -

ENCLOS 1

SUBJECT.

Submitting revised  
completion report for  
Kullar suspension bridge  
with explanation for its  
necessity - and requesting  
orders for the payment of  
a bonus of Rs. 200 for the  
work done by him to Mr.  
H.W. Gilbert.

DISPOSAL.

No. 24146 dated 31 July 1895

To C

For favour of verification  
of the completion report.

2. Please also report  
whether the proposal  
to grant a bonus of Rs.  
200 to Mr. Gilbert may  
be sanctioned by this  
Govt. under Art. 89(a)  
and (b) C.S. Regulations.

(D) C.H.B.B.

D.W.

RECEIVED

The estimated cost  
of the work is Rs. 43,530  
not Rs. 42,500 as per  
No. 2524W d/11-10-94

The matter ~~also~~ can be dealt  
with by the Local Govt under  
para 89<sup>(a) & (b)</sup> of the C.S. Regulations.  
as the services rendered by  
Mr Gilbert <sup>appear to be</sup> ~~was~~ of a special  
nature. The question of granting  
a bonus is fully discussed  
in the file put up. A note  
will have to be added, if  
C's remarks are considered  
necessary, to the pencil draft  
submitted.

24/7/95

+ Mr. ...  
don't forget ...

No 2414C of 31-7-95

B

(1)

(2)

Saw

(1) yes, sir

(2) Kindly see Co. No 1396w  
d/H. 6. 95 I have put up.