

(1) Number of pages 12(2) Date of repair 2-2-37(3) Initials of the Referencer 84

MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

G.O. No.	2863	Press ~~Mis.~~
Dated	12-12-1860	

Not to be folded or roughly handled

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*Proceedings of the Madras Government, Public Works Department,
12th December 1860.*

No. 173. Read the following letter from Lieutenant-Colonel W. H. HORSLEY, Chief Engineer, to J. D. SIM, Esq., Acting Secretary to Government, dated Chepauk, 30th November 1860, No. 7,522 :—

Sir,

1 Letter from District Engineer, Kurnool.
No. 647, dated September 9th 1857.
1 Abstract Estimate.
1 Comparative Statement.

1. In Extract Minutes Consultation No. 91, dated 24th February 1855, Government were pleased to sanction an Estimate amounting to Rupees 13,263-7-10 for constructing a Bridge of 17 arches, each of 32 feet span, across the river Kundár on the road from Kurnool to the Nandikanama Pass.

2. On the 9th September 1857, the Acting District Engineer, Lieutenant Shaw Stewart, forwarded a supplemental Estimate amounting to Rupees 9,000 for completing the work, together with a comparative Statement showing the quantity and value of work actually performed and of that remaining to be done. By this it appears that at the end of May 1857 when there was a balance in hand of only 3,860 Rupees, there was work remaining to be done to the value of 12,860 Rupees.

This is explained :—

(1.) By its having been found necessary to give a greatly increased depth to the foundations of the piers and abutments, in consequence of the strata in the bed having been found to consist of "decayed slate" instead of rock as originally supposed.

(2.) From the circumstance of stone which had to be brought five miles from the quarry having been considered a preferable material to bricks for building the foundations and the cutwaters of the piers and abutments.

(3.) By a general increase in the price of materials, which has led to 2 Annas per cubic foot for ordinary brickwork and 3 Annas for archwork being entered in the supplemental Estimate in lieu of 1 Anna 6 Pice for the former and 2 Annas for the latter as in the original Estimate.

(4.) Owing to the "baling" having been greatly in excess of what was allowed for, and also to serious damage by floods having occurred from time to time to the work while in progress.

3. As the Bridge in question has been so long in an unfinished state, and as it is upon a line of road, which in the gradual completion of the Nandikanama Pass, is receiving much attention even in these days of restriction, I request permission for the entry of the sum of Rupees 9,000 in the Budget of 1861-62 for this work, the Estimate having been duly examined in this Office and such corrections made therein as were found requisite.

No. 174. ORDER THEREON, 12th December 1860, No. 2,563.

1. Under the circumstances stated, the Government sanction for entry in the Budget for 1861-62 the Estimate amounting to Rupees (9,000) nine thousand submitted with this letter.

2. They presume that the Chief Engineer has satisfied himself that the rates entered in the Estimate, which seems to have been prepared in 1857, are those now current in the District.

3. The Governor in Council observes that the insufficiency of the original Estimate does not appear to have been reported to Government as it ought to have been, when first discovered. The reasons assigned for its insufficiency show that the Estimate was not prepared with due care. They trust that the then Chief Engineer took due notice of the matter when it came before him in 1857.

(Signed) J. D. SIM,
Acting Secretary to Government.

of 186

ROAD No.

DISTRICT *Karnool*

WORK

WORK Constructing a Bridge of 17 Arches of 32 ft⁶ Span
across the Kondaur River on the Road from Kurnool to Nundicunnah

Quantities.	Description of Work.	Rate.			Amount.	Amount of each part.
		Rs.	A.	P.	Rupees.	Rupees.
17984	Cft ³ Brick in Channar— $\frac{3}{4}$ Cft	"	2	-	2248	
37485	D ² Archwork in D ² —D ²	"	3	-	7028	
1392	Rft ³ Cordow work— $\frac{3}{4}$ Rft	"	4	-	348	
7656	Sup ³ Plastering— $\frac{3}{4}$ Sq ²	3	"	"	230	
24773	D ² Pointing—D ²	"	12	"	186	
3696	Cy ³ Gravel including Tank—					
	=ing ————— $\frac{3}{4}$ Cy ³	"	2	6	577	
480	Sq ² Turfing— $\frac{3}{4}$ Sq ²	"	1	-	30	
544	Rft ³ Centungs— $\frac{3}{4}$ Rft	3	"	-	1632	
	Sundries—	"	"	"	581	
						12860
	Deduct Amount remaining from the Original Estimate sanctioned 24th February 1855 for Rs 13263 including the Value of the Material on the 31st May 1857					3860
	Net amount required =ing Sanction Rs 9000					

Central Office of P.W.
Chepauk } 30th November 1860 }
Lieut. Colonel
Chief Engineer D.P.W.

amount to

(Gilda) 1002873/60
(Eliane)

Wm. Lloyd Garrison
P. J. W.

Dr. J. W.
The Secretary to
D. D. W.

Dated 30th }
 Decemr } Newell

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Abstract Supplementary
Estimate for Constructing a
Bridge of 17 Spans of
39 ft Span each the
Honduras River on the
Point from Summit to
Honduramar in the
District of Summit.
Amounting to Rs 9,000.

amounting to Rupees 9000 for completing the work together with a comparative statement shewing the quantity and value of work actually performed, and of that remaining to be done. By this it appears that at the end of May 1857 when there was a balance in hand of only 3860 Rupees there was work remaining to be done to the value of 12860 Rupees.

This is explained:

1^{stly} By its having been found necessary to give a greatly increased depth to the foundations of the Piers and Abutments in consequence of the strata in the bed having been found to consist of 'decayed slate' instead of Rock as originally supposed.

2^{ndly} From the circumstance of Stone which had to be brought 5 miles from the Quarry having been considered

Excess
75 per Cent

why it was necessary to give a greatly increased depth to the foundations of the Piers and Abutments in consequence of the strata in the bed having been found to consist of 'decayed slate' instead of Rock as originally supposed. From the circumstance of Stone which had to be brought 5 miles from the Quarry having been considered

considered a preferable material to bricks for building the foundations and the cutwaters of the Piers and Abutments. 3^{rdly} By a general increase in the price of materials, which has led to 2 Rs per cubic foot for ordinary Brickwork and 3 Rs for Archwork being entered in the Supplemental Estimate in lieu of 1.6 Rs for the former and 2 Rs for the latter as in the original Estimate.

4^{thly} Owing to the 'baling' having been greatly increased in case of what was allowed for, and also to serious damage by floods having occurred from time to time to the work while in progress.

As the Bridge in question has been so long in an unfinished state, and as it is upon a line of

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of the study of the same has received much attention even in
these days of restriction, I request
permission for the entry of the
sum Rupees 9000 in the Budget of
1861/62 for this work, the estimate
having been duly examined in
this office and such corrections
made therein as were found
 requisite

I have the honor to be

A. K. S. C.
A. S. C. E. & C.
Chitank
30. Nov. 1861

Your most obedient servant
G. W. M. S. C. Colonel
Chief Engineer

The Acting Secretary
to Government S. W. C.

Rev. J. B. Montgomery / 1855. No. 19-20
S. 27. 1860. No. 44
No. 2873.

From the City of New York
of the 12th day of Decr

John W. Montgomery
to the City of New York

No. 2873. 11. 12. 1860.

dated 30 Nov. 1855.

Read 10th Decr 1855.

John W. Montgomery
Submits statement
for entry in No. 19 of
1861/62 an estimate
amounting to \$9,000
for the construction of a
bridge across the river
connecting on the road
from New York to Newburgh
in the City of New York.

Nov 73 + 174.

Q. 5 Dec 1871.

No. 2563

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Under the provisions
of the act of the 1st of June
1860, the estimate of the
City of New York for the
construction of a bridge
across the river connecting
on the road from New York
to Newburgh in the City
of New York.

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The estimate of the City
of New York for the
construction of a bridge
across the river connecting
on the road from New York
to Newburgh in the City
of New York.

1863.

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