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(3) Initials of the Referencer _____

MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

G.O. No. <u>1652.</u>	<u>Press</u>
<u>33-34</u>	<u>Mis.</u>
Dated <u>3-6-</u>	18 <u>67.</u>

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
3rd June 1867.*

No. 33. Read the following letter from the Superintending Engineer, 2nd Division, to the Secretary to Government, Department Public Works, dated Masulipatam, 16th May 1867, No. 23 :—

1. I have the honour to forward a revised estimate and comparative Statement for building the bridge across the Pydairoo on Trunk Road No. 6, Nellore District. This work was sanctioned on the 6th June 1864, in G. O. No. 1,621, and included in the estimate for Trunk Road No. 6, but was excluded from it when the revised estimate for that road was sanctioned, as explained in my letter No. 82, dated 22nd December 1866, reviewed in Proceedings of Government No. 85, dated 10th January 1867.

2. The principal causes of the inefficiency of the former estimate are that nothing is allowed for baling water, pointing or cornice work, whilst the rates generally are quite insufficient in the present day when labour and food are so much dearer than formerly. A sum of 1,000 Rupees was entered for improving the channel of the Pydairoo near the bridge, but this must have been a very rough calculation, as the excavation absolutely needed cost Rupees 2,362.

3. When I inspected the work in 1865, after due examination, I considered the waterway allowed in the sanctioned plan excessive, and I gave permission for two of the arches to be entirely omitted, provided the piers of the last were raised to nine feet six inches, and the rise of the arches increased to seven feet six inches. This has considerably reduced the quantities in certain items of the estimate, but the omissions referred to and extra rates still enforce me to seek that the grant be increased by Rupees 2,600.

No. 34. ORDER THEREON, 3rd June 1867, No. 1,652.

CIVIL WORKS, No. 8.

1. Under the explanation afforded in this letter, the Government sanction the revised estimate of Rupees 23,600 for a bridge across the Pydairoo river on Trunk Road No. 6 in the Nellore District.

2. A sum of Rupees 3,072 in full of the original estimate has been assigned to the work in Proceedings No. 1,494, dated 17th May 1867, and as the Reserve under "Communications" has been fully appropriated, it will rest with the Superintending Engineer, as the year advances, to provide by transfers the further sum of Rupees 2,600 required to complete the bridge.

(True Extract.)

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

To the Superintending Engineer, 2nd Division, with Detailed Estimate.
" Controller of Public Works Accounts.
" Accountant General.

Exd. S. T. Augustin.

No 23

Sup^r Engr Office 22nd Dec
Mausolepalam
16 May 1867.

From

Col^l Col J. V. Winscom R.E.

To

Sup^r Engineer 22nd Dec

Colonel C. A. O. R.E.

Secretary to Government
D.P.W.

Sir
I have the honor to forward
revised estimate
a comparative statement for building
the bridge across the Pyduru on Trunk
Road No 6, Bellore Dist. This
was sanctioned on the 6th June 1864 in G.O.
No 1621 and included in the Estimate for
Trunk Road No 6, but was excluded
from it when the revised Estimate for
that road was sanctioned, as explained
in my letter No 82 of 22nd December 1866
revised in Proceedings of Government
No 85 of 10th January 1867.

2 The principal causes of the
inefficiency of the former Estimate are
that nothing is allowed for baling
water, pointing or cornice work, whilst

The rates generally are quite inefficient in the present day when labor and food are so much dearer than formerly.

A sum of 1000 Rs. was intended for improving the Channel of the Pyderae near the Bridge but this must have been a very rough calculation as the Excavation absolutely needed Cost Rs 2362.

3 When I inspected the work in 1865 after one Examination, I considered the water way allowed in the sanctioned plan excessive and I gave permission for 2 of the Arches to be entirely omitted, from the piers of the last were raised to 9' 6" and the rise of the Arches increased to 7' 6". This has considerably reduced the quantities in certain items of the Estimate, but the omissions referred to and extra rates still enforce me to seek that the grant be increased by Rs 2600.

I have the honor to be
Sir

Yours most Obedt Servt

W. H. M. C. W. C. W. C.
Super Engineer &c

Abstract Estimate.

7H

District Bellary Taluk Bellary
H. Revised Estimate for the Pyderae Bridge

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100 - -

5H

W. H. M. C. W. C. W. C.
4 May 1867.

W. H. M. C. W. C. W. C.
Super Engineer &c

The rates generally are quite inefficient in the present day when labor and food are so much dearer than formerly.

A sum of Rs. 10000
 Improv. 1864-70
 near the 1867-76-77

1864-70
 19/11/64

The Sups Engineer
 D. P. S.

The Deputy Commr
 D. P. S.

2/16 May 1867
 Rs. 23/10/64

Estimate & Comparative
 statement for building
 a bridge across the
 Pydum on Frank Road
 No 6

Estimate & Comparative
 statement for building
 a bridge across the
 Pydum on Frank Road
 No 6

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 statement for building
 a bridge across the
 Pydum on Frank Road
 No 6

Estimate & Comparative
 statement for building
 a bridge across the
 Pydum on Frank Road
 No 6

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the increase 29 May 1867 Rs. 3/10/

no. 1652 - 3rd June 1867

Chunabhai
 Jun. 1867
 Commr. of the
 Sups Engineer

Abstract Estimate

7A

District Bellary Taluk Bellary
 H. Revised Estimate for the Pydum Bridge

Description	Rate	Amount	Total
1/2 Cft of Latite in Chunar	2 11	37 11 13	
1/2 " of Arch Work in Latite	3 9	1576 8 5	
1/2 " of Concrete for foundation	2 3/4	1540 6 10	
Squares of Pointing	2	302	
Rft of Cornice over piers	5 8	108	4
sq of 80 Ann Arches	6	136	8
Yds of Metalling over Road	10	116	4
way of bridge		20	
Guard Stones	5	20	
Yds Improving Channel	1 6	2362	4 7
Centering		2700	
Excavation		760	
Walung		450	
Embanking Valley		3610	
Sumaris		1061	2 10
Total Estimate Proper		23600	

4 Eyr. off. 20/10/67
 with balance
 6 May 1867

Commr. of the
 Sups Engineer

vide line in letter
no 232716. May 1867
to the Secretary
to Govt 12/10/81

23/19/14/67

Winnard & Hunt
for the building
the Police Range
on Hunt Road
see M.D. No 23260

Supplies 23

1711

Comparative Statement for Revised Estimate for Constructing a Bridge of 5 Arches of 30 span across the Pyawee River in the 119th mile of Bank Road No 6 Salween District.

Particulars of Work	Original Estimate			Revised Estimate			Increase			Decrease			Remarks
	Quantity	Rate	Amount	Quantity	Rate	Amount	Quantity	Rate	Amount	Quantity	Rate	Amount	
Laterite in Chumam Cfl.	56794 1/2	2 6	3874 23	47790 1/2	2 11	8711 13				9004	162	53	The rates in the original Estimate provided 3 years ago for ordinary works, at the time of its being framed, but the present work is for superior to what has been hitherto done in the District. Hence the 2 Arches have been struck out the savings effected does not exceed Rs 290.
do Arch Work	96487 1/8	3	1808 12	76726 1/2	3 9	1576 85							
Concrete	13211 1/2	1 3	1032 27	10755	2 3 1/2	1540 610			508	4	3	2456 1/2	Laterite jelly carts from 4 miles distant & Chumam 10 miles.
Metalling	160	8	80	186	10	116 4	26		36	4			
Center			3000			2700						300	
Excavations			500			760			260				The nature of Soil at foundation has proved to be very hard & numerous stones & gravel.
Improving Channel			1000	25197 3/4	1 6	2362 47			1062	47			The detail measurements are not given in the original Estimate. But the Channel 20 ft wide at bottom, which was absolutely necessary and a great deal of the cutting has been through hard gravel.
Embanking Valley			3600			3610			10				Absolutely necessary to give the work the finished appearance.
Work not included in original Estimate													
Painting				151	2	302	151		302				Omitted in original Estimate.
Cornice over piers				305	5 8	108 4	305		108	4			do
do over Arch				364	6	136 8	364		136	8			do
do over parapets				580	4	145	580		145				Omitted in original Estimate not being foreseen.
Painting						450			450				Omitted in original.
Gravel Stones				4	5	20	4		20				Pay of party Estab ^d changed to this item previous to receipt of G.O. No 3530 of 12 th December 1864. Hence Surplus 5 prof ^d in Estimate.
Surplus			1104 147			1061 2 10						43 11 9	
			21000			23600			3338 52			738 52	

Supd. Engr Office D.D.
Musselpatam
16th May 1867

Leo M. M. S. S.
Supd. Engr Office D.D.

Chas J. Works 1311

Public Works Department.

1552
1652

PROCEEDINGS of the MADRAS GOVERNMENT.

Under date the 3rd June/67.
Read the following

From The Superintending Engineer^{2nd D^o}
(Here enter No. 23 dated 16th May 1867)

ORDER THEREON,

May 1867, No.

Under the explanation
afforded in this letter, the Govern-
ment sanction the revised estimate
of Rs 23,000 for a Bridge
across the Pydaroo river on
Munk road No 6 in the Koller
District.

N.
W.

A sum of Rs 3072 in
full of the original estimate
has been assigned to the work
in No. 1494 of 17th May/67,
and as the Resol under "Com-
munications" has been fully
appropriated, it will rest
with the Superintending Engineer.

Enclosure in a letter
from the Sd/- Engineer
to the Sd/- Secretary
to Govt of Madras
No 222/16-18 May 1867.
1867/19/14/67
For the above
Statement

as the year advances, to provide by transfers
the further sum of Rs 2000
required to complete the Bridge.

W. B.

W. B.

23
41

To
6 The S. Engrs 2nd Bn with detailed rates
1 - Contro. Secy
3 - Acct. General

40000
Pub: Works 1867 Depart.

Pro: of Govt. for Income
No. 1652

Pro: of the Madras Govt.
Of 3rd June 1867

The revised estimate
of Rs. 23,600 for the construction
of Bridge across the
Puducottam on Trunk Road.
No. 6, in the Kallakurichi District,
Sanctioned, and the Super-
Cargos instructed to provide,
by transfers, the future sum
required for the completion
of the work.