

(1) Number of pages 114(2) Date of repair 207. 11. 43

(3) Initials of the Referencer _____

MADRAS RECORD OFFICE.**Government of Madras.***Public works* **DEPARTMENT.**G.O. No. 1755Press
~~Mis~~57-58

Dated

4-6-1866.**Not to be folded or roughly handled**

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Proceedings of the Madras Government, Public Works Department,
4th June 1866.

No. 57. Read the following letter from the Superintending Engineer, 7th Division, to the Secretary to Government, Department Public Works, dated Coonoor, 19th May 1866, No. 13 :—

- 1 Copy of letter.
- 2 Detail Estimates.
- 2 Abstract Estimates
- 1 Estimate
- 1 Specification
- 1 Plan of Coothangaddy bridge.
- 3 Plan survey levels, Sooryatil bridge
- 4 Do. do. Goondyar bridge.

1. In my letter printed with G. O. No. 3,295 of 2nd November 1865, the only works that were expected to remain incomplete on the road from Calicut to Palghaut, via Mundoor, at the end of the past official year were two bridges over the Sooryatil and Goondyar nullahs in the Palghaut Range of Ma'abar, the original estimates for which amounted to Rupees 18,780, which was expected to be the exact sum remaining unspent up to 30th April 1866, out of the sum of Rupees 1,59,693 sanctioned in the G. O. above quoted. As directed in its 5th paragraph, I have now the honor to submit revised estimates for these works as follows, viz :—

Original.	
Sooryatil bridge, Rupees	4,450 4,340
Goondyar do. „	11,550 14,440

the plans on which they have been calculated having been drawn up in conformity with my orders, based on close examination of the nullahs, during which I selected the sites now to be built.

2. To counterbalance the saving of Rupees 2,780 above shown, I have to ask sanction for the revised estimate now submitted for the Coothangaddy bridge close to Malliapoorum in Calicut Range, and which will be open to traffic within the current month. The circumstances under which a probable excess of Rupees 2,745 will be incurred on the original estimate of Rupees 20,255 for this work, are so clearly and satisfactorily summed up in Mr. Sub-Engineer Bailey's letter*

* No. 773 of 19th April 1866. submitting it, that I cannot do better than send a copy of it.

3. As finally revised, the aggregate of the estimates for all the road and bridge work between Calicut and Palghaut, via Mundoor, is Rupees 35 less than the sum sanctioned in G. O. No. 3,295 of 2nd November 1865, or Rupees 1,59,658, whereof Rupees 1,40,590 having been actually laid out up to 30th April 1865 Rupees 19,068 have to be provided in 1866-67 and 1867-68. The actual Budget allotment of the current year being only Rupees 10,000 (Item No. 132), instead of Rupees 15,000 as promised, I have the honor to recommend that the sum of Rupees 5,761, Item No. 61 of this year's Budget, allotted for a work completed in 1865-66, may be transferred to these works, so as to leave only Rupees 3,307 to make the final payments in May 1867, within which month the Sooryatil and Goondyar bridges must be completed.

4. In my last letter about this road I had intended, while giving the Range Officers the credit they deserved for their excellent work, to have mentioned the interest taken in it by the Ernaad and Waloowanaad Tahsildars, as evinced by their attention to the avenues along it; and I avail myself of the present opportunity to remedy the unintentional omission, as it is very desirable that the Revenue

*Proceedings of the Madras Government, Public Works Department,
4th June 1866.*

subordinate officials of a District should be encouraged to take an interest in all Public Works, and to co-operate where they can with the members of that Department.

No. 58.

ORDER THEREON, 4th June 1866, No. 1,755.

CIVIL WORKS, No. 11.

1. Under the explanations afforded by the Superintending Engineer of the 7th Division, and the Officer in charge of the Calicut Range, the Right Honorable the Governor in Council sanctions the undermentioned revised estimates for works in the Malabar District.—

Bridge at Soorvatil

Bridge at Sooryatil	..	..	..	Rs.
Do. at Goondyar	..	..	..	4,450
Do. at Coothangaddy	..	..	..	11,550
			..	23,000
			Total .	<u>39,000</u>

These works, originally estimated to cost Rupees 39,000

Total .

2. These works, originally estimated to cost Rupees 39,035, form part of the general estimate* of Rupees 1,59,693 for constructing and bridging the road between Calicut and Palghaut, via Mun-
 Total . 39,000

* Sanctioned in G O No. 3,295, dated 2nd November 1865

3. Under the sanction now 200 Rupees 1,59,693

* Sanctioned in G
November 1865

3. Under the sanction now accorded, the entire estimate will stand at Rupees 1,59,658, of which Rupees 1,40,590 have been expended up to the 30th April last. The current year's allotment for the work is Rupees 10,000, which the Government now resolve to supplement by the diversion of the grant of Rs. 5,761 for the Court-house at Ootacamund which the Superintending Engineer has completed during the past official year.

4. The unallotted balance of the estimate, viz., Rupees 3,307, will be provided in the Budget for 1867-68.

(True Extract)

(True Extract.)
(Signed) CH

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

To the Superintendent Engineer, 7th Division.
 „ Accountant General.
 „ Controller of Public Works Accounts.

Exd. S. T. August'n.

Quantity	Description of Work	Spew	Rate	Amount	Flat	Remarks
1349 1/2	Cubic feet of rough squared Stone m Chumdam	3	6 "	\$1007-2159	35	
1095-II	" " wrong flat work	1	4 "	\$1007-1869	144	
46	Slabs angular iron with spurs	1	"	Each	46	"
1800	Spikes iron (Europe) 4 1/2" long	20	"	\$1000	36	"
8	Quartz Stones, granite, 1 foot m diameter	4	"	each	32	"
	D 103 ms foundation sand tacking post			250	"	"
	Compassing dam pond behind water			150	"	"
466 1/3	Cubic yards of earth work for paving approached	3	"	\$1000	9573	"
2493	Sr. fence for turping show steps	1	"	\$1000	116	"
145	Cubic yards of turptinning single or broken stone	12	"	\$1000	181	"
	Buckling & shed for use of the work people			100	"	"
	Amidus			118	73	"
	Total Estimated Amount					Payed \$500 "

3 pr Paint - Longe
Paint - Office
Paint - March 1866

Rs 4450.

Minna K. L. L.
Superintendent

Wm. L. Mumford

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Abstract of Estimate 5

to Heads	Quantity	Rate	Cost	Total of Estimate	Name of work and Range or District which estimated
<u>Bridge</u>					
Dressed Stone in Stone line	2613 1/2	16	" per cu ft	41811 3/4	Constructing a wooden timber bridge of 5 bays of 33 feet each across the boundary on the road from Stank to Palghat and boundaries in No 3 or Palghat Range, Malabar District
Wooden — cft				400	
foundation and baling water —				300	
at Wood — cft	2285 5/8	1 1/2	" per cft	2857 2/3	
ding —				200	
and hauling timber —				100	
plates 10" thick with screws	58	1	" each	58	
stones — Nos	8	2 1/2	" each	20	
plates 5" long — Nos	3500	12	" per 1000	42	
<u>Approaches</u>					
work — Cys	5722 3/4	" 2	" per cys	716 9/16	
ring — Cys	675	" 6	" per cys	21 1/16	
stalling — Cys	822 3/4	" 10	" per cys	51 1/2	
<u>Tunnels</u>					
Dressed Stone in Stone line in stone	2648 1/2	16	" per cu ft	391 11/16	
Granite — cft	217 1/2	70	" per cu ft	222 1/2	
stones — Nos	8	2 1/2	" each	20	
ing foundation —				26 3/4	
excavations for lands & trees —				920 8	
				10990 9 11/16	
Sundries				559	
Total Estimated Amount Proposed				11500	
				11550	

Malabar District
 A. G. ... 1888
 In charge of Palghat Range

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10/10/18

No. 8 of 1866/67.

Revised Estimate for Constructing the Protatanga Bridge on the Road from Calcutta to Broomden.

Quantity	Measurement			Unit	Particulars of work	Rate	Amount of each		Total
	By	By	By				Rs.	Paise	
29	16	8			Foundation to one abutment				
88½	14½	8			3 Piers above				
72	8½	24			One abutment above				
26	11½	24			Foundation Wing walls on side				
26	11½	16			Wing walls above on side				
46	10	7			Foundation				
50	6½	24			2 Center				
50	6½	16			Spanners				
16	3	20			Spanners				
6	3	20			Wing walls to level of Roadway				
50	8	10			Rolling Course				
54	12	4			Roadway				
104	3½	17½			Parapets				
607	3½	4½			Total				
535	2½	1½			Deduct for lost stone				
535	1½	4			Total cubic feet of Earthwork				
					in Chumans				
232	15	3½			Total 6 ft. of Brick work				
72	1	14			Total 6 ft. of Brick work				
					Total 2 ft. of Plastering with blue				
					with Brick & Jolly in Chumans				
					3 inches thick				
					Painting water				
					Excavating foundation &c				
					Centering				
					Off branches				
					Coffolding				
					Total				
					Superintendence & Sundries at 6				
					Total of Estimate Rupees				23000

Kallia Poram
19th April 1866

Wm. Alderley
Superintd.

W. H. Bailey
Sub Engineer
Calcutta

71

Copy

Ch. Works.

Public Works Department

1755

Proceedings of the Madras Government
under date 4th June 86

Read the following

The Sup^r Engineer & Dy. Supt. Here enter No 13 dated 19th May

Under the expla-
nations afforded by the
Superintending Engineer
of the 17th Div. and the
Officer in charge of the
Calicut Range, the Right
Honorable the Governor
in Council sanctions the
undermentioned revised
estimates for works in
the Malabar District
Bridges

N

Wm

Malabar District
2nd Calicut Range
In letter N. 13 of 19th May
1886 from the Dy. Supt.
referring to the Dy. Supt.
estimates —

P. P. 2165/86

Revised Estimate for
Constructing Workmen
Roads Bridges and the
Road from Calicut
to Coimbatore.

The amount Rs. 23000

Bridge at Sooryatil — 4,250
 " " at Goondyar — 11,550
 " " at Coothangaddi — 23,000
Total — 39,000

2. These works, ~~are~~
 originally estimated to cost
 Rs. 39,035, ~~and~~ form part
 of the general estimate
 of Rs. 159,693 for con-
 structing and bridging
 the road between Calicut
 and Palghat, via Mundoor.

Under the sanction
 now accorded, the entire
 estimate will stand at
 Rs. 159,658, of which Rs.
 1,40,590 have been expended
 up to the 30th April last.

* sanctioned in G.O. No. 3295
 7/22 Nov/65.

¹³
 The Current year's allot-
 ment for the work is
 Rs. 10,000, which the
 Government has resolved
 to supplement by the
 diversion of the grant
 of Rs. 5,761 for the Court
 house at Cotacamund
 which the Superintendent
 states was completed
 during the past official
 year.

The unallotted balance
 of the estimate viz Rs. 330
 will be provided in the
 Budget for 1867/68.

7 To J. Aug 7 by ~~the~~ ^{the} ~~and~~ ^{and}
 3 Acc. to ~~and~~
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P.W. Department

Pr. of Cont. for June

Apr 1/55

Pr. of the Madras Cont.

Of 4th June 1855

Received estimates
amounting to Rs. 30,000 for
works in the Malabar Dist
connected with the road from
Calicut to Trulghat, sanctioned
with certain observations.

A 57. 38.