

(1) Number of pages 18(2) Date of repair 29-7-42

(3) Initials of the Referencer _____

MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

G.O. No.	1724	Press
		Mis.
Dated	18-6-	18/4.

Not to be folded or roughly handled

**Proceedings of the Madras Government, Public Works Department,
13th June 1864.**

No. 276. Read the following letter from Lieutenant-Colonel G. W. WALKER, R. E., Superintending Engineer, 7th Division, to Colonel C. A. ORR, R. E., Secretary to Government, Department Public Works, dated Coimbatore, 31st May 1864, No. 16 :—
Sir,

1. In forwarding the Statement of unfinished works of the Malabar District for the year 1863-64, I have the honor to submit revised Estimates as follows, viz :—

	RS.
1. Flooring the Artillery Quarters at Cannanore	2,460
2. Deepening the Cantonment Wells at ditto.	3,140
3. Re-constructing the Eengapaya Bridge under Tambracherry Ghat... ..	2,000

The rise of price of timber since the Estimate was framed, as reported both by Mr. Bailey and Captain Vertue, sufficiently accounts for the anticipated excess of Rupees 330 over the original sanction for the first item.

2. The Comparative Statement submitted with No. 2, shows that it is not in the rates but in the quantities that the excess of Rupees 1,200 is occasioned, and yet that Abstract Statement does not tell the whole story. The revised Estimate is actually that originally submitted by the Range Officer when called on by the District Engineer to carry out the Government Order for improving Cantonment wells. After fruitlessly endeavouring to get the Range Officer to reduce his demand, the District Engineer took up on himself to bring the Estimate within what he considered a reasonable amount, and the rates being unassailable he cut down the amount of work to be performed. The consequences may be conceived. It being useless to deepen a well to a less extent than that at which a proper supply of water is attainable, well No. 6 of the 3rd Infantry Lines had to be revetted 14 feet instead of 8 feet as passed by Captain Bean; and in the 18th Line's Wells No. 1, No. 5, and No. 7 were revetted for 12, 13, and 16 feet, instead of 7, 5, and 3 feet respectively. It is no fault therefore of the Executive Officers on this occasion, that leads to a supplementary demand, but that of the District Engineer who improperly reduced the original Estimate; a practice of his of which I have heard several complaints, and which certainly has led to keeping down rates at Cannanore till it was almost impossible to get work done.

3. For the increase of Rupees 250 in the 3rd item, Mr. Bailey's omission in copying his draft Estimate of the line for "Wing walls" accounts. The check in my Office having been made by a Copying Clerk ignorant of estimating, accounts however unsatisfactorily, for the omission not having been detected.

No. 277. ORDER THEREON, 13th June 1864, No. 1724.

1. The following revised Estimates are sanctioned in supersession of those approved in the Orders* marginally noted :—

	Amount of Original Estimate.		Amount of Revised Estimate.
RS.		RS.	
Flooring the Artillery Quarters at Cannanore	2,130		2,460
Deepening Cantonment Wells at do.	1,940		3,140
Bridge across the Eengapaya River	1,750		2,000

2. The Estimate originally submitted for deepening the Cantonment Wells at Cannanore should have been more carefully considered by the late District Engineer, Captain Bean, before submission to Government.

3. The Superintending Engineer, 7th Division, should have quoted the dates of the Orders of Government sanctioning the works referred to. Owing to such omissions, it is frequently difficult to ascertain the projects to which reference is made.

4. The list of incomplete works submitted will be separately disposed of.

(True Extract.)

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

To the Superintending Engineer, 7th Division.

„ Controller and Auditor of Public Works Accounts.

„ Accountant General.

Exd, S. T. Augustin.

Handwritten note: "I have given me"

by J. F. Bridges.

14. Estimate of the probable expense of constructing a new line. Myapoga River in the Road form, Robert to Ashbury & Carle Road.

[illegible]

One of the beams of the Forest Burgi has given way and the renovation of the timber is nearly all ^{noted}

Frederick W. M. M. M.

Printing messrs. Appleton
at Philadelphia

13. The number of people who are not members of the club is 100 - 40 = 60.

Total of Estimate R2	2,000.00
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Wm. Walker Secy. to the R.R.

Supra Loc. 2. D.

In a letter from
the Supy. Genl. J. C. Allen
of the Supy. Genl. J. C. Allen
of the Supy. Genl. J. C. Allen

No. 16. (Data 20, 1884)
Dec. 1884

79/1052 M2

Estimate of the price
the expense of carrying
the Mills in Commem
Commem and striking
the Mills in the Mill
the Mills in the Mill

Estimate of the price

79/1052 M2

Estimate of the price
the expense of carrying
the Mills in Commem
Commem and striking
the Mills in the Mill

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the expense of carrying
the Mills in Commem
Commem and striking
the Mills in the Mill

Wabash District

Estimate of the probable expense of deepening the Ports in the United States and of building new ones in the Military Lines as here required

Expensing of Tools with the Envois	10 .. each	40 ..
Landre and Gaspard's for the above and	" ..	50 ..
and New-wells	" ..	1144 15 ..
Temporary Superintendence about	10 ..	114 1 ..
of Est. Estimate for 3 ^d Regt. No. 1. 1850		1209

Am Hong and building a new Toll and deepening
two others in the Cantonian Bazaar

52	1.6	43.6	24/10/2	Pavement (including) parapet wall in Ballrooms and Chumam with paving and guttering 15' .. 400/- 411 12
146	1.0		24/120	Cubic Yards of excavations .. 4' .. 65 3
40	2.6	2.6	200	Plasterwork to walls of Paravans
20	1.6	3.0	180	Malls above of ditto
10	10.0	5.0	41-8	Flooring
			44-8	Total Cubic feet of Ballrooms Chumam 12 .. 100/- 56 94
				4 Green Buttepes of 2 1/2' .. each 28 ..
				3 Centos 2 1/2' of 2 1/2' .. 14 .. 12 ..
				Additional flooring to Paravans in jolly- and Chumam 6 doz. thick with paving Green Buttepes .. 10 ..
				Cubic feet of plastering to Parapet wall of Hall .. 18 ..
				and Walls of Paravans with paving and guttering 3 .. 40/-
				3 Wooden shutters for Paravans with 2 iron handles .. each 36 ..
				Per Complete 12 ..

472

17

Water - District

Sanitation and Containment and

Communicating Channel from Wells to Burrows	636	139	1259
Scaffolding 2 1/2"		6	
Deepening 2 Wells	12		15
Scaffolding 4" for above 2 Wells	10		20
		10	20
Ladders and Superintendence	10		10
Total Estimate for Current Season			942

Deepening and deepening the Wells in the
Lines of the 18th Regiment Station Company

Estimate

21. 10. 1.6	694 1/2	Wells No. 1
22. 8. 1.6	350	Wells No. 2
23. 23. 1.6	1240 1/2	Wells No. 3
25. 10. 1.6	620	Wells No. 5
31. 4. 1.6	307	Wells No. 4
	326	Curse feet of latents in Chamisso 15
		Deepening of Wells in two lines 10
		Ladders and Scaffolding 30
		Temporary Superintendence 10
		Total 641

Total Estimate for 18th Regt. S.D. Line

Deepening and building up a Well in the
Lines of the 18th Regiment of the Ordnance Department

42. 1.6 33	2049	Reinforcement including parapet wall with latents in Chamisso 15
146. 10	655	Curse yards of breasting of latents Rock and gravel 8
		Planting 8
		Scaffolding and Ladders 30
		Temporary Superintendence 10
		Total Estimate for Current Season 421

Deepening the Well adjacent to the
Elephant Sheds

113	348	Curse yards of breasting by Cuttings into latents Rock 1
		Scaffolding and Ladders 5
		Total 42
		Carried Over 108

9

The duty of England is to be
 the duty of England is to be

My Dear Sir,

22

Compensating themselves
during the absence
of the two first
for supplying the Wells
in the Cunningham
point and of striking
new ones in the Mill
creek where necessary,

Arctostaphylos *argentea*
Arctostaphylos *argentea*

Wm. H. Burleigh
Wm. H. Burleigh

[illegible]

George

Approved by Edmunds & Hughes
Edm. H. 1855

Richard. D. Lee

Temporary Substantive Agent

Harvard Div.

Received of
 42 08 3073

Public Works Dept 15

No 1924
Proceedings of the Madras Government

Under date the 13th June 1864.

Read the following letter
from the Supy Engr. J. Du

Forward Statement of Un-
finished Works of Malabar for
1863-64 and 3 Estimates Rs 3140, (Here enter 31st May 1864
2460 and 2000 for sanction. No 16)

22 Sept /63. 2788
19 Feb /63. 336
17 May /64. 1424

The following revised Estimates
are sanctioned in supersession
of those approved in the
orders marginally noted

	Amount Original Est	Amount Revised Est
Flanking the Artillery Chertars at Cannanore	Rs 2130	2460
Deepening Cantonment Wells at do	" 1940	3140
Bridges over the Pungapuzha River	" 1750	2000

Mr

J. Du

The Estimates originally
submitted for deepening the Can-
tonment Wells at Cannanore
should have been more carefully
considered by the late District
Engineer, Cape Coast, before
submitting to Government.

The Supy Engineer
J. Du should have quoted the

17
dates of the orders of Govt. sanctioning
the works referred to. Owing to
such variations, it is frequently
difficult to ascertain the projects
to which reference is made.

The list of incomplete
works submitted will be separately
disposed of.

118

To
The Supy. Ingr. of Govt.
Cont. & Audit of M. Accts. 3
Acct. General. ✓

Edw. J. 114

10296. 277

Received of the
of the City of
the sum of \$100.00
for the purchase of
the land of the City of
the sum of \$100.00

of the City of
the sum of \$100.00
the sum of \$100.00

1864

40