

(1) Number of pages 5

(2) Date of repair 1866

(3) Initials of the Referencer

MADRAS RECORD OFFICE.

Government of Madras.

Public Works **DEPARTMENT.**

G.O. No. <i>985</i>	Press Mis.
<i>599-600</i>	
Dated <i>26</i> — <i>3.</i>	<i>1866.</i>

Not to be folded or roughly handled

No. 599. Read the following letter from the Superintending Engineer, 7th Division, to the Secretary to Government, Department Public Works, dated Coimbatore, 28th February 1866, No. 275 :—

1. I have the honor to report, for the information of Government, that shortly before he quitted the 7th Division,

Enclosures 3.

Mr. George, Assistant Engineer in charge of Coimbatore Range, supplied

me with a revised estimate for the construction of the new public Bungalow at Pothenoor Railway Station, exceeding that sanctioned in G. O. No. 2,660, of 12th September 1864, by the sum of Rupees 2,200. From the comparative Statement accompanying it, which is herewith submitted, it would appear that the excess was almost entirely owing to the increased rate for brickwork in chunam. And in his letter No. 50, of 13th December, Mr. George attributes such high rate to my not having allowed a separate account to be kept for the brickfield at Noyel river, worked departmentally, but ordering all stock to be charged to work at once.

2. There is no doubt but that I committed a mistake in allowing the new brickfield to be started at all, but it was on the just expectation of immediate sanction for a number of works, to which it would be central, viz., the Pothenoor Bungalow, Post Office, and Police buildings, and the Coimbatore Taluk Cutcherry, Post Office, &c. But great delay actually occurred in obtaining the sanctions, and still more in getting full allotments for the works, which have consequently languished, and the consumption of bricks on them was not adequate to cover preliminary expenses. I have no doubt, therefore, but that Mr. George's statement was correct so far as it went.

3. But having reason to doubt its entire accuracy and fullness, I remitted the papers for revision by Lieutenant-Colonel Moberly, who succeeded Mr. George at Coimbatore; and by that Officer I have been supplied with a revised estimate Rupees 6,800 in excess of the original. Of which excess Rupees 1,007 have been already incurred, and Rupees 5,793 are either due, or required to complete the out-offices. The Range Officer states his inability to account for any excesses but those on brickwork, which he attributes in great measure to the cause assigned by Mr. George, and I have no alternative but to attribute them to inefficient supervision by the latter gentleman, whose state of health, I consider, to have been such as to disqualify him for charge of a Range from the time that he had to be relieved in Wynad on the same account.

4. It will be observed from the excess and savings Statement now submitted, that the estimate for every building in Coimbatore Range has been or will be greatly exceeded, and I shall have to plead as my excuse the disability of the Executive agent placed at my disposal, and I trust that it will be allowed as sufficient. The extra grants called for should be made with as little delay as possible to allow of their being fully availed of within the current year. The bungalow especially should be completed and handed over for public occupation with as little delay as possible.

Proceedings of the Madras Government, Public Works Department.
• 26th March 1866.

No. 600.

ORDER THEREON, 26th March 1866, No. 985.

CIVIL WORKS, No. 73.

No. 2,609, dated 12th September 1865.

1. In the Proceedings of Government marginally noted, sanction was accorded to an estimate of Rs. 15,300 for the construction of a Travellers' Bungalow with out-offices at Pothanoor

in the Coimbatore District. The Superintending Engineer of the 7th Division now submits a revised estimate, amounting to Rupees 22,100, for the buildings, and reports that he is able to attribute the excess of Rupees 6,800 in a great measure to the increased cost of the bricks used in the structure and to inefficient supervision of the work. It appears that, owing to the opening of a new brick-field which was intended to supply a large quantity of bricks to a number of works, but which has been required to provide for the wants of one only in consequence of the progress of the others being suspended, the cost of the article was greatly enhanced and entailed a corresponding increased outlay on construction. Mr. George being absent, no explanation can be obtained from him of the alleged inefficiency of his management, but the state of his health for some time before his departure on leave to England was such as, in all probability, to incapacitate him for the close attention to his duties which was necessary.

2. The Government are very ready to make full allowance for the difficult circumstances under which building operations are carried on in this country, and which, failing the most efficient supervision, cause the derangement of all the data on which estimates are prepared, but they are not disposed to accept a bare intimation of the cost of manufacturing certain materials having been greater than was calculated upon, or of the executive management having been defective, as sufficient explanation of such a serious excess expenditure as is reported to be necessary to complete the bungalow at Pothanoor. It is the business of the Executive Officer to bring to the notice of the Superintending Engineer in good time the circumstance of materials costing more than the estimated rates, and of the latter Officer (if on enquiry and proper investigation he is satisfied that the increased outlay was unavoidable) to report explicitly to Government. In the case of the Pothanoor bungalow this has not been done, and the Government are left to judge, as best they can, how far the original estimate was correct as to rates, or whether the much greater expenditure than they contemplated into which they have been led, is due to prices having been raised through causes beyond control or through the neglect of the Executive Officer in charge of the work. In either case the Government think that the Superintending Engineer ought to have been aware of the cost at which the building was being constructed. It is his duty to make himself acquainted with the progress of every work within his charge, and with its cost relatively to the estimate, and he ought to have been in possession of such information regarding the buildings at Coimbatore as would have led him to intervene, either to warn the Government of the insufficiency of the estimates they had sanctioned or for the purpose of taking measures to place the executive in more capable hands. Colonel Walker's omissions in both these respects amount to a highly reprehensible neglect of his duty as Superintending Engineer.

Proceedings of the Madras Government, Public Works Department.
26th March 1866.

3. The revised estimate of Rupees 22,100 is sanctioned, and the additional allotment of funds required for it has been made in separate orders.

(True Extract.)

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

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

Exd. S. T. Augustin.

No 275

Superintending Engineers Office
7th Division
Coimbatore 28th February 1886.

From Lieut. Col. L. W. Walker R.E.
Superintending Engineer 7th Div.

To Colonel C. A. O. R.E.
Secretary to Government P.W.

Sir,

Encls: 3-

I have the honor to report for the information of Government that shortly before he quitted the 7th Division, Mr. George, Assistant Engineer in charge of Coimbatore Range, supplied me with a Revised Estimate for the construction of the New Public Bungalow at Pothanoor Railway Station, regarding that sanctioned in G. O. No. 2660 of 12th September 1884 by the sum of Rs. 2,200. From the Comparative Statement accompanying it, which is herewith submitted, it would appear that the excess was almost entirely owing to the increased rate for Brick Work in Chunnam. And in his letter No. 50 of 13th December, Mr. George attributes such high rate to my not having allowed a separate account to be kept for the Brickfield at Koyal River, worked Separately, but ordering all Work to be charged ^{to my acc.} at once.

There is no doubt but that I committed a mistake in allowing the new Brickfield to be started at all, but it was

on the just expectation of immediate sanction
for a number of works to which it would
be critical viz the Police Buildings, and
Post Office, and Police buildings, and
the Comptroller's Office, Post Office, and
But great delay actually occurred in obtaining
the sanctions, and still more in getting full
Allotments for the works, which have con-
sequently languished, and the consumption of
Bribe on them was not adequate to cover
preliminary expenses. I have no doubt there-
fore that Mr George's Statement was
correct so far as it went.

3. But having reason to doubt its
entire accuracy and fullness, I permitted the
papers for revision by Lieut. Colonel Macarty
who succeeded Mr. George at Coimbatore,
and by that Officer I have been supplied
with a Revised Estimate of Rs. 6,800 in excess
of the original. Of which excess Rs. 1,007 have
been already incurred, and Rs. 5,793 are either
due, or required to complete the Out Office.
The Range Officer states his inability to
account for any excess but those in detail.
which he attributes in great measure
to the cause assigned by Mr. George. And
I have no alternative but to attribute them
to inefficient supervision by the latter
gentleman; whose state of health I
consider to have been such as to disqualify
him for charge of a Range from the time
that he had to be relieved in Mysore

on the same account.

It will be observed from the Receipts
and Savings Statement now submitted that
the Estimate for every building in Coimbatore
Range has been or will be greatly exceeded,
and I shall have to plead as my excuse
the disability of the Executive Agent placed
at my disposal; and I trust that it
will be allowed as sufficient. The extra
grants called for should be made with as
little delay as possible to allow of their
being fully availed of within the current
year. The Bungalow especially should be
completed and handed over for public oc-
cupation with as little delay as possible.

I have the honor to be
Sir,

Your most Obedt. Servant
C. W. Macarty
Superintending Engineer &c.

Enc a letter No 195 of 15th July 1864
from the Supply Engineer
to the Secretary to
Genl. Sir John Lubbock
North. March.

D. 28 2059/1864

Statement showing the
actual amount required
to complete the Works of
Trencher's Company at
Station in No. 12. Funds
= for Change Committee
District

28th March 1864. 1864

12th March 1865 No 2669

D. 28 2059/1864
Trencher's Company
No 12. 1864

The Supply Engineer
of the Division

The Secretary to Genl.
North. March 1864

(Dated 18th February 1864)
Genl. Sir John Lubbock

Encs. 3.
No 195.

Abstracts of the
for Trencher's Company
at Station

28 2059/1864

D. 28 2059/1864
C. 9th March 1864, 1864

28 2059/1864
C. 9th March 1864, 1864

22/9/96

showing the details of modern
 & decay of the feudal era,
 how things happened in the original
 & revised editions for the
 construction of the Spanish
 language of the 18th century.

Prin. 26. March 1868. L. 579.

Brought Over		11868 59		15071 46		2137 11	
Flooring with Jelly in Chunnam	7 $\frac{25}{100}$ Sq	5	38 65	7 $\frac{25}{100}$ Sq	5	35 65	
Plastering with 2 Coats of Chunnam	49 $\frac{75}{100}$ Sq	3 8	171 50			49 $\frac{75}{100}$ Sq	2 6 20
Jungle wood battens doors frames &c Complete	4	17	68	4	17	68	
Windows with wooden bars &c - - - - -	4	10	40	4	10	40	
Truss of rafters Complete	5	12	60	5	12	60	
Building fogongs in Cook room			50			50	
Excavating foundation			30			30	
<u>Latrine</u>							
Bricks in mortar	29 $\frac{16}{100}$ Sq	7	203 42				
White washing	11 $\frac{75}{100}$ Sq	8	5 96			29 $\frac{16}{100}$ Sq	10 300
Flooring with Jelly in Chunnam well beaten down	2 $\frac{45}{100}$ do	30	72			11 $\frac{75}{100}$ Sq	8 5 76
Cornice work	190 Sq ft	4	47 8			2 $\frac{45}{100}$ do	50 72
Excavating foundation			10			190	4 17 8
<u>Standal around the Bungalow</u>							
Wooden poles each 12 feet long $7\frac{1}{2}$ diameter	80	1 8	120			80	2 160
Platching with Coconus leaves Cuir ropes &c	64 Sq	1 9	100			64	1 112
Bulwerd 2 feet squares across the side	1		150				
Channel of Coorichy Road	200	8	100			24	1 150
Planting 200 Trees around the Bungalow &c							
Well each 6 feet diameter with Brick	2	50	50				76
parapets windlap & Buckets &c							
Carried Over		13532 11 8		15599 7 10		429	
						352 12 6	

Comparative statement showing the details of Increase and Decrease of the probable expenditure between the original and revised cost for the construction of the Travellers Bungalow and out offices at Pottanoor.

Particulars.	Quantity	Rate.		Difference of quantities		Difference of rates		Difference between estimate		Remarks.
		Original	Revised	Original	Revised	Original	Revised	Original	Revised	
Rough stone in mortar	100	5	4	100	400					
Brick in chunam	100	10	11	100	1100					
Columns 1 1/2 feet in diameter with brick in chunam	10	10	11	10	110					
Roofing with singlewood couple rafters rafter nails flat and panneling	10	10	11	10	110					
Chunam borders &c complete	10	10	11	10	110					
Singlewood wrought and put up	10	10	11	10	110					
Plastering with 2 coats of chunam	10	10	11	10	110					
Flooring with brick on edge and plastering	10	10	11	10	110					
Doors with sally and clay well beaten down	10	10	11	10	110					
4x7 Leaved half pannelled and half venetian doors with frames hooks	10	10	11	10	110					
4x7 Pannelled doors with	10	10	11	10	110					
3x6 Doors	10	10	11	10	110					
2x6 Doors	10	10	11	10	110					
3x4 1/2 Half venetian and half glazed windows complete	10	10	11	10	110					
12x2 1/2 Glazed windows complete	10	10	11	10	110					
3x6 Singlewood latten doors complete	10	10	11	10	110					
3x4 Windows with wooden bars & shutters complete	10	10	11	10	110					
Line trusses complete	10	10	11	10	110					
Wooden posts each 12 feet long & 6 inches diameter	10	10	11	10	110					
Thatching with coconut leaves coin ropes bamboo &c	10	10	11	10	110					
Vengay wood for beams	10	10	11	10	110					
Building joists in cook room with brick in mortar	10	10	11	10	110					
Whitewashing	10	10	11	10	110					
Flooring with sally in chunam well beaten down & asphaltum	10	10	11	10	110					
Rough stone in mud including whitewashing	10	10	11	10	110					
Cornice work	10	10	11	10	110					
Sumal 2 feet square across the side channel of Corahy road	10	10	11	10	110					
Wells each 6 feet in diameter with brick parapets &c	10	10	11	10	110					
Planting 200 trees from Corahy road to the bungalow	10	10	11	10	110					
Forming roadway	10	10	11	10	110					
Excavating foundation & filling in	10	10	11	10	110					
Lundries per cent	10	10	11	10	110					

Total Rupees
Differenced Rupees

28.2.66

10m Gopal
Acting Executive Engineer

Estimate No. 76 of 1865-66. 12.82
N. II. Cambay Range. Cambay District
Abstract of Revised Estimate for Constructing Travellers
Bungalow at Pottanoor

Quantity	Description of works	Rate	Amount	Amount	Grand Total
Bungalow					
138 2/3	Cy of Rough Stone in Chunnam	@ 5	691 1/3		
442 1/3	Cy of Brick in mortar	@ 12	5307 2/3		
5	Cy of Stone Columns	@ 12	60		
66 2/3	Sq of Roofing with singlewood couple rafters rafter nails flat & panneling the chunnam ridges and edges	@ 59	3945 2/3		
117 2/3	Cubic feet of Jungle wood wrought and put up	@ 2	235 1/3		
165	Cy of Vengay wood wrought and put up	@ 3	495		
126 1/2	Sq of Plastering with 2 coats of chunam	@ 4	506 1/2		
8	Doors 4x7 with frames hinges hooks locks &c complete	@ 30	240		
16	Pannelled doors each 3x6 with frames &c complete	@ 22	352		
126 1/2	Sq of Whitewashing	@ 6	759		
1	Pannelled door 4x7 with frame &c	@ 25	25		
8	Doors 2x6 with stone	@ 18	144		
8	Half venetian and half glazed windows 3x4 with frames &c	@ 16	128		
8	Glazed windows 1 1/2 x 2 1/2 complete for bath room	@ 8	64		
40	Sq of Flooring with brick on edge and a levelling course of well bricks underneath	@ 15	600		
	Excavating foundation		100		
	Carried over				14891 8 3

Brought forward
Out Office

229 3/4	Cps of Rough Stone in mortar @	5	"	1145		
22 1/4	Sqrs of Roofing with jungle wood					
	Couple Eepers nails flat and					
	pan tiles Chunnam ridges & edges					
	&c complete @	50	"	1100	52	
5 3/4	Sqrs of Flooring with Brick an edge					
	and plastering @	12	12	"	73	"
7 3/4	Sqrs of Flooring to Stables with jelly					
	and clay well beaten down @	5	"	35	6	5
49 3/50	Sqrs of Whitewashing @	"	66	20	"	"
4	Jungle wood batten doors each 3+6					
	with frames &c complete @	17	"	68	"	"
4	Windows each 3+4 with wooden					
	bars frames and shutters &c @	10	"	40	"	"
5	Struts rafters complete @	12	"	60	"	"
	Building of gongos in Cook Room					
	with brick in mortar @			50	"	"
	Excavating foundation & filling in			30	"	"

Latrine

3 1/4	Cps of Brick in mortar @	10	"	340	"	"
11 1/100	Sqrs of Whitewashing @	"	8	5	9	6
2 4/5	Sqrs of Flooring with jelly in Chunnam	30	"	72	"	"
190	Running feet of Cornice work @	"	4	47	8	"
	Excavating foundation and filling in			10	"	"

Pandal around the Bungalow

80	Wooden posts each 12 feet long 1/2 foot diameter	2	"	160	"	"
6 1/4	Sqrs of Thatching with Coconut leaves					
	Cair ropes bamboos &c @	1	12	"	112	"
2	Culverts 2 feet square across the side channel					
	of Coorichy road @	150	"	300	"	"
200	Planting trees from Coorichy road to the					
	Bungalow & about the Bungalow Compound	"	8	"	100	"
2	Wells each 6 feet diameter with brick					
	parapets windlafs & bucket &c @	500	"	1000	"	"

Brought forward
Compound Wall

36 1/2	Cps of Rough Stone in mud					
	including whitewashing @	3	8	"	1263	8
41 2/3	Cps of Coping with brick in					
	mortar @	10	"	"	416	10
11 1/2	Running yards of forming roadways	1	"	"	140	"

Total 21481 4 "

Lundries

Total Estimate Rupees - 22100 "

Comptroller
26 February 1866

Flowerby Lieut Col R.E.
Executive Engineer

W. V. V. V.
Supers.

Public Works Dept
12

To Government
Proceedings of the Madras
Under date 18th March 1866
Read the following

From the Supg Engineer
of the 7th Division

(Received 28th February/66
No 275)

In the Proceedings of
Government marginally noted
Sanction was accorded to an
estimate of Rupees 15,300 for the
construction of a Travellers
Bungalow with out Officers at
Pothanoor in the Coimbatore
District. The Supg Engineer
of the 7th Division now submits
a revised estimate amounting
to Rupees 22,100 for the building,
and reports that he is able
to attribute the excess of Rupees
6,800 to the increased cost of the
bricks used in the structure
and to inefficient supervision

No 2669 dated
12th Sept/65

I do not feel at all disposed
to accept the explanation
it is too absurd to debit
46 percent of the original
cost to an increase in the
price of bricks. The cost
of bricks is less than one
half of the cost of mick work
and we are asked to believe and report that the excess of Rupees
than are necessary we are to attribute to the excess of Rupees
cost in the whole estimate 6,800 to the increased cost of the
is due to such a cause. It
is a simple nonsense. If
we have a copy of the two
estimates

In a letter No 2669 dated
12th Sept/65
from the Supg Engineer
of the 7th Division
to Government
Public Works Department

2669/65

General No 2669 dated 12th Sept/65

Abstract Estimate

for constructing a Travellers

Bungalow with out

Officers at Pothanore in

No 2669 dated 12th Sept/65

Public Works Department

Refers 22170

From 26th March/66 to 1869

parapets windlapse & bucket &c.

@ 270

1000

the revised estimate of \$22,100,
and the question of simplifying
forms for the work during
the current fiscal year
will be disposed of when the
Superintending Engineer's Statement
of Savings and demands come
under consideration -

W.B.

To The Sup. Engr. -
- Controller of Public Works -
- Accountant General -

of the work. It appears that,
owing to the opening of a new
brick-field which was intended
to supply a large quantity of
bricks to a number of works,
but which has been required
to provide for the wants of
one only in consequence of the
progress of the others being
suspended, the cost of the article
was greatly enhanced and
entailed a corresponding in-
creased outlay on construction.
Mr. George being absent, no
explanation can be obtained
from him of the alleged in-
efficiency of his manage-
ment, but the state of his
health for some time before
his departure on leave to
England was such as, in
all probability, to incapacitate
him for the close attention
to his duties which was
necessary -

~~the Government~~
~~the Government~~
~~the Government~~

(20)

PROCEEDINGS of the MADRAS GOVERNMENT
Under date 16th March 1866.
Read the following

From the Supy Engrs 7th Div.
(Here enter No. 275 dated 28 Feb 1866.)

No. 2669. dated 12th
September 1865.

In the Proceedings of
Government marginally
noted sanction was accord-
ed to an Estimate of Rs.
15,300 for the construction of
a Traveller's Bungalow with
out Offices at Pothanoor in
the Coimbatore District.
The Superintending Engineer
of the 7th Div. now submits
a revised estimate amount-
ing to Rupees 22,100 for
the buildings, and reports
that he is able to attribute

the excess of Rupees 6,800
in a great measure to the
increased cost of the bricks
used in the structure and to
inefficient supervision of the
work. It appears that, owing
to the opening of a new
brickfield which was in-
tended to supply a large
quantity of bricks to a
number of works, but which
has been required to provide
for the wants of one only
in consequence of the pro-
gress of the others being
suspended, the cost of the
article was greatly enhanced
and entailed a correspond-
ing increased outlay on
construction. Mr. George
being absent, no explanation
can

The Government
are very ready to make
full allowance for the
difficult circumstances
under which building opera-
tions are carried on in
this country, and which,
failing the most efficient
supervision, cause the de-
rangement of all the data
on which Estimates are
prepared, but they are not
disposed to accept a

in England, the
cost of the

15
can be obtained from
him of the alleged inefficiency
of his management, but the
state of his health for some
time before his departure on
leave to England was such
as, in all probability, to
incapacitate him for the
close attention to his duties
which was necessary.

The Government
are very ready to make
full allowance for the
difficult circumstances
under which building opera-
tions are carried on in
this country, and which,
failing the most efficient
supervision, cause the de-
rangement of all the data
on which Estimates are
prepared, but they are not
disposed to accept a
bare

here intimation of the cost
of manufacturing certain
materials having been greater
than was calculated upon
of the executive manage-
ment, having been defective,
no sufficient explanation
of such a serious excess
expenditure as is reported to
be necessary to complete the
Bungalow at Polthanoor -
It is the business of the
Executive Officer to bring to
the notice of the Superintend-
ing Engineer in good time
the circumstance of materials
costing more than the es-
timated rates, and of the
latter Officer (if on en-
quiry and proper investigation
he

Washed down

13
he is satisfied ~~of the~~
~~that the increased~~
~~unavoidable~~
was unavoidable
pulling) to report explicit-
ly to Government. In
the case of the Polthanoor
Bungalow this has not
been done, and the Govt
are left to judge, as best
they can, how far the
original Estimate was
correct as to rates, or
whether the much greater
expenditure than they
contemplated, into which
they have been led, is
due to prices having been
raised through causes
beyond control or through
the neglect of the Executive
Officer in charge of the
work. In either case
the Government think
that

16-2-24 1866

P. W. 1866. Department.

Proc of Govt for March
No. 985

PROCEEDINGS OF GOVERNMENT. of Madras

(21)
Dated 24 March 1866

25-3-16

The revised estimate
amounting to Rupees 22100
for Travellers Bungalows
at Pootanoor in the
Coimbatore Dist. sent
with certain remarks.

599-600

25-3-1866

Carried over