

(1) Number of pages 18(2) Date of repair 18. 1. 43

(3) Initials of the Referencer _____

MADRAS RECORD OFFICE.

Government of Madras.

Public works DEPARTMENT.

G.O. No. <u>1076</u>	Press
<u>99-100</u>	~~Min~~
Dated <u>9-4-</u>	18 66.

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
9th April 1866.*

No. 99. Read the following letter from the Superintending Engineer, 7th Division, to the Secretary to Government, Public Works Department, dated Camp, Coonoor, 19th March 1866, No. 298 :—

1. I have the honor to submit for sanction of the increased amounts, comparative Statements of the differences between the original and revised estimates for the undermentioned buildings at Manantoddy, viz. :—

Enclosures 3.

	Original.	Revised.	Difference requiring sanction.
	RS	RS.	RS.
1. Re-construction of the Bungalow Stables.	317	•570	253
2. Bridge over Dhoby's Nullah.	2,500	†3,706	1,206
3. New Post Office ...	3,350	†4,420	1,070

• No. 89 of 1865-66.

† No. 90 of 1865-66.

† No. 91 of 1865-66.

2. The following remarks explain the causes of excess, to which I may add that the original estimate of No. 1 appears to have been prepared by the late Mr. Smith, with his usual inaccuracy; that of No. 2 by Mr. George, who was not two months in Wynad; and that of No. 3 by Mr. Nordmann prior to the experience of the current season, from which alone sound data are to be obtained. I am of opinion that the rates now arrived at are moderate enough for a District like Wynad, but that under good superintendence like Mr. Nordmann's they may eventually be reduced. The estimate for Vythery Post Office, in progress under Captain Kennedy, should be increased to Rupees 4,420 as for that at Manantoddy. Additional funds for such of these works as will be completed before the 30th April have been asked for in the Statement of 1st March 1866.

Extract letter from Mr. Nordmann, No. 112 of 13th March.

"HORSE STABLES AT MANANTODDY.—The excess of Rupees 102-7-8 is owing to the following additional works necessarily required to the building, viz., plastering, flooring, levelling site, and windows, which were not provided in the original estimate; and that of Rupees 145-9-1 to the increased rates paid for bricks, chunam, timber and tiles, while the remaining sum of Rupees 4-15-3 is the proportional increase of the item 'Sundries.'

"DHOBY'S NULLAH BRIDGE.—The excess of Rupees 1,090-11-8 is due to the higher rates paid for chunam, bricks, timber, and earth-work, and that of Rupees 206-9-9 to the additional work of tarring, baling water, additional timber, iron, and earth-work, unprovided in the original estimate, and found to be necessary during construction to ensure durability. This makes a total excess of Rupees 1,314-13-5, which a sum of Rupees 108-13-5, provided in excess in the original estimate, reduces to a net excess of Rupees 1,206."

"POST OFFICE AT MANANTODDY.—The excess of Rupees 1,070-2-0 is partly due to portions of brick-work, plastering, and excavating foundation, unprovided in the original estimate, (in consequence of an omission of one of the walls of the building in the course of adding up the total length of wall,) and to the extra brick-work

Proceedings of the Madras Government, Public Works Department,
9th April 1866.

"allowed to the partition walls, by adding three inches more to the thickness, to
"suit the size of the bricks actually used, and partly to the higher rates paid for
"bricks, chunam, timber, tiles, and labor, than were originally calculated upon.

No. 100. ORDER THEREON, 9th April 1866, No. 1,076.

CIVIL WORKS, No. 13.

1. The Superintending Engineer submits with this letter comparative Statements exhibiting the additional

sums which are required to complete the following works:—

- I. Stables attached to the Travellers' Bungalow at Manantoddy. Sanctioned in G. O. 13th May 1864, No. 1,385.
- II. Bridge over Dhoby's Nullah near Manantoddy. Sanctioned in G. O. 21st January 1865, No. 206.
- III. New Post Office at Manantoddy. Sanctioned in G. O. 8th December 1865, No. 3,731.

2. It is observed that the excess of Rupees 253 in the case of the first work is owing to certain omissions in the original estimate which was prepared by Mr. Smith, who was at the time in charge of the Range but who is since dead. The excesses in the cost of the other works are shown to be due chiefly to the increased rates paid for material. The Government are aware that these increases are to a certain extent unavoidable in a District like Wynad, where the tendency of prices is steadily to rise owing to a progressive demand for both labor and materials. The estimates submitted by Colonel Walker are accordingly passed.

3. No additional funds are required to be provided for the first work under paragraph 90, Section II. of the Manual, and as all available money at the disposal of Government has been appropriated, it will rest with the Superintending Engineer to arrange for the adjustment of the excesses on the estimates for the other works, and to report the manner in which he proposes to do so.

4. The amount sanctioned for the Manantoddy Post Office was Rupees 3,200; but it is given at Rupees 3,350 in paragraph 1 of Colonel Walker's letter. This difference should be explained.

(True Extract.)

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

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

Exd. S. T. Augustin.

N^o 198.

Supy. Engineer's Office,
Camp Coim., 19 March 1866.

From

Lieutenant Colonel G. W. Walker R.E.

Supy. Engineer 7th Division.

To

Colonel C. A. Orr R.E.

Secretary to Government.

Sir, I have the honor to submit for sanction of the increased amounts Comparative Statements of the differences between the original & Revised Estimates for the undermentioned Buildings at Manantoddy: viz:—

	Original	Revised	Difference
	Rs.	Rs.	Rs.
1. Reconstruction of the Bungalow Stables.	317	570	253
2 Bridge over Dhoby's Nullah	2500	3706	1206
3. New Post Office.	3350	4420	1070

2. The following remarks explain the causes of excess, to which I may add that the original Estimate of N^o 1 appears to have been prepared by the late Mr. Smith with his usual inaccuracy; that of N^o 2 by Mr. George who was not 2 months in Wynad; and that of N^o 3 by Mr. Nordmann prior to the experience of the current season from which alone sound data are to be obtained. I am of opinion that the rates now arrived at are moderate enough for a District like Wynad, but that under good superintendence like Mr. Nordmann's they may eventually be reduced. The estimate for the Post Office in progress under

Encls. 3.

N^o 89 of 1865-66.

N^o 90 of 1865-66.

N^o 91 of 1865-66.

Captain Kennedy should be increased to
Rs 4420 as for that at Manantoddy.
Additional Funds for each of these works
as will be completed before the 30th April
have been asked for in the Statement of
1st March 1866.

Extract Letter from Mr. Nordmann, 21st 12th 13th March.

Horse Stables at Manantoddy. The excess
of Rs 102.7.8 is owing to the following addition:
"at works necessarily required to the building
viz: Plastering, Flooring, Sewelling etc. and
Windows, which were not provided in the
original Estimate; and that of Rs 145.9.1
to the increased rates paid for bricks, Chumam,
timber and tiles, while the remaining sum
of Rs 4.15.3 is the proportional increase
of the item 'Sundries'.

Dhoby's Nullah Bridge. The excess of Rs
1090.11.8 is due to the higher rates paid for
Chumam, bricks, timber and earthwork,
and that of Rs 206.9.9 to the additional
work of tarring, baling water, additional
timber, iron & earthwork unprovided in the
original Estimate, and found to be necessary
during construction, to insure durability.
This makes a total excess of Rs 134.13.5, which
a sum of Rs 108.13.5, provided in excess in the
original Estimate, reduces to a net excess of
Rs 1206.

Post Office at Manantoddy. The excess of
Rs 1070.2.0 is partly due to portions of
brickwork, plastering and excavating founda-
tion, unprovided in the original Estimate
in consequence of an omission of one of the
walls of the building in the course of
adding up the total length of wall, and

"to the extra brickwork allowed, to the
"partition walls, by adding 3 inches more
"to the thickness, to suit the size of the
"bricks actually used; and partly to the
"higher rates paid for bricks, Chumam,
"timber, tiles and labor, than were origi-
"nally calculated upon."

I have the honor to be
- Sir -
Your most Obedt Servt
Alexander Smith, Col. R.E.
Supt. Engineer &c. &c.

Dec. 12. 4 May/64 M 286-289
21st Jan/65 " 433-435
30 Dec/65 " 197-198

Dec 1885 Dec 1886
Pro. of Genl. for 1886
from 1st 11/99

The duty of Genl.
to the duty of Genl.

to the duty of Genl.
to the duty of Genl.

Dec 1888

Dec 1888

Dec 1888

Dec 1888

Forwards & Received
Estimate for building
of Mansions

1889.

2. 29th March 1886 Gr. 5th April 1886. 2. 10 76-92 April 1886.

70,919 1885-86

Comparative Statement showing the nature of excess of the Revised Estimate for constructing Post Office at Manantoddy
North Wynad Range, Malabar District.

Original Estimate.				Revised Estimate.				Excess plus to the revised				Reduction per bill, amended	
Quantity	Rate	Per	Amount	Quantity	Rate	Per	Amount	Quantity	Rate	Total	Quantity	Rate	Total
Main Building.													
Brick work in chunam	382.5	100%	1071	5700	30	100%	1530	357	102	459			
Plastering with chunam	365.6	50%	182.8	3942	6	50%	236.8	14.4	39.6	53.1			
Roofing with couples, rafters and pan tiles	2242	50%	1121	2242	140	50%	896.12	178	178	178			
Flooring with brick jellies in chunam	768	50%	384	945	7	50%	66.25	8.13	9	27			
Single wood wrought and put up	365.6	50%	182.8	36	2	50%	99		16	26			
Glazed doors complete, 7'x4'	1	50%	45	1	60.00	each	60		15	15			
Doors 6'x3'	2	50%	70	2	50%	110			40	40			
Wrought doors 7'x4'	1	50%	28	1	35	50%	35		7	7			
Doors 6'x3'	4	50%	92	4	30	50%	120		28	28			
Flashed windows 4'x3'	12	50%	324	12	35	50%	420		96	96			
Excavating foundation	884	50%	221	132		50%	33	11		11			
Lundries			2738				366			958			
Cook room.													
Brick work in chunam	518	100%	145	572	30	100%	171.9	15.1	11	7.1			
Plastering with Do	50%	50%	25	572	6	50%	30.3	3.10	5	5			
Roofing with couples, rafters, & tiles	2	50%	56	122	35	50%	68.9	7	12	9.7			
Flooring with brick jellies in chunam	1/2	50%	2.8	122	7	50%	3.5	9.5		15.9			
Single wood wrought and put up	4	50%	10	4	2	50%	12.6		2	4			
Wrought doors complete 5'x2'	1	50%	20	1	25	50%	25		5	5			
Doors windows 3'x2'	2	50%	20	2	10	50%	20						
Excavating foundation	15	50%	3	15		50%	3						
Lundries			290				343			53			
Living.													
Brick work in chunam	556	100%	155	593	30	100%	177	14.4	10.5	11.13			
Plastering with Do	60%	50%	30	593	6	50%	34	3	4	3			
Roofing with couples, rafters and tiles	152	50%	33	152	35	50%	41	10	8	10			
Flooring with brick jellies in chunam	35	50%	3	35	7	50%	3	14.8		14.8			
Wrought doors complete 6'x3'	1	50%	20	1	28	50%	28		8	8			
Doors windows 2'x2'	1	50%	9	1	9	50%	9						
Excavating foundation	18	50%	4	18		50%	4						
Lundries			262				306			44			
Letter Box.													
Letter Box	1	25	25	1	40	each	40		15	15			
Excavating site	140	4	35	140		4	35						
			60				75			15			
Grand Total													
			3350				4420			1070.2			

North Wynad Range Office.
Manantoddy
13th March 1886
K. P. M. M. M.
Superintendent North Wynad Range

13th March 1886

Chief Engineer
North-Western Railway

13th March 1886

Estimate of construction
nature of work in the Revised
Comparative showing the

20/11/99/88

In the year 1886, the
amount of work done in the
construction of the
road from Manantoddy to the
new road from Manantoddy to the
new road from Manantoddy to the

Localities

1886

1886-87

Comparative statement showing the nature of excess in the Revised Estimate of the construction of Shady's nullah Bridge,
on the road from Manantoddy to the new road from Manantoddy to the new road from Manantoddy to the

Items.	Original Estimate.			Revised Estimate.			Excess due to the increase in the Revised Estimate.			Excess due to the increase in the Revised Estimate.		
	Quantity	Rate	Amount	Quantity	Rate	Amount	Quantity	Rate	Amount	Quantity	Rate	Amount
Brick work in chunam	547 1/2	25	13688	547 1/2	30	16425	547 1/2	30	16425	547 1/2	30	16425
Plastering with chunam	1974 1/2	5	9872	1974 1/2	6	11847	1974 1/2	6	11847	1974 1/2	6	11847
Langford wrought and put up	381 1/2	12	4578	381 1/2	12	4578	381 1/2	12	4578	381 1/2	12	4578
Iron lamps large												
Do. small												
Bolts and screws												
Nails 5" long												
Earth work - cutting foundation and approaches	300			300			300			300		
Do. - Raising approaches	1512			1512			1512			1512		
Blasting rock												
Boiling water												
Lan												
Lundries												
Total			2500			3706			1206			1206

North Western Range, 1886-87.
Manantoddy, 13th March 1886.
Chief Engineer
North-Western Railway

17/13/1909

*Bridge - on the road from Maunabo
to the Sugar Fort.*

17/13/1909

*Maunabo 17/13/1909
bridge on the road from Maunabo
to the Sugar Fort.*

Maunabo District.

17/13/1909

17/13/1909 Comparative Statement showing the nature of work done by the Revised Estimate of constructing Maunabo at Maunabo today.

North Wymond Range, Maunabo District.

Items.	Original Estimate.			Revised Estimate.			Excess due to the.			Reduction due to the.		
	Quantity	Rate.	Per	Amount	Quantity	Rate.	Per	Amount	Increased quantity	Increased rates.	Substituted in P. material	Total
Brick in chimneys	708	20	100%	14197	708	20	100%	14197				
Roofing with copper & iron tiles	6564	22	100%	1446	6564	29	100%	1905				
Lumber wood wrought and put up	193	1	100%	193	193	2	100%	386				
Plastering with chunam												
Flooring with brick & chunam												
Excavating foundation												
Leveling the site												
Windows												
Staircases												
Total				317				570				253

*North Wymond Range Office.
Maunabo, 13th March
1909*

W. M. M. M. M.

*Superintendent
North Wymond Range*

Public Works Department.

1076

PROCEEDINGS of the MADRAS GOVERNMENT
Under date the 9th April 1886.
Read the following

From The Superintending Engineer 7th Dec.

(Here enter No. 298 dated 19th March/86)

The Superintending En-
gineer submits with this letter
Comparative Statements exhibit-
ing the additional sums
which are required to complete
the following works:-

- I. Stables attached to the Traveller's Bungalow
at Mannantoddy sanctioned in G.O.
12 May 1885. No 1585.
- II. Bridge over (Dhoby) Kullah near Mannan-
toddy - sanctioned by G.O. 21 Jan'y 1886.
- III. New Post Office at Mannantoddy sanctioned
in G.O. 8 (Dec 1885) No 1571.

It is observed that
the excess of Rs 253 in the
case of the first work is

As per
Labour District.

Received Rs. 298 1/4
March 1886 from the
Superintending Engineer to
Mannantoddy Post Office.

Rs 298 1/4

Comparison Statement showing
the nature of the work done
Revised Estimate for some
of the work done at Mannantoddy.
Mannantoddy.

Received Rs. 298 1/4
March 1886 from the
Superintending Engineer to
Mannantoddy Post Office.

owing to certain omissions
in the original estimate
which was prepared by
Mr Smith, who was at the
time in charge of the
Range but who is since
dead. The excess in the
cost of the other works are
shown to be due chiefly
to the increased rates paid
for material. The Govt.
are aware that these increases
are to a certain extent
unavoidable in a District
like Kynard, where the
tendency of prices is steadily
to rise owing to a
progressive demand for both
labor & materials. The
estimates submitted by Col.
Walker are accordingly raised.

No additional
funds are required to be
provided for the first work.

under Para 90 Section II
of the Manual, & as all
available money at the
disposal of Government has
been appropriated, it will
rest with the Superintending
Engineer to arrange for the
adjustment of the excess
on the estimates for the
other works, & to report
the manner in which he
proposes to do so.

The amount
sanctioned for the Trans-
-hoby Post office was
Rs 3200; but it is
given at Rs 3350 in P. 1
of Col. Walker's letter. This
difference should be ex-
plained.

7 The 1. Eng. 2nd
4. Cont. Gen.
3. Dist General
Sept 9th April.

U.S.

P. W. 186 6. Department.

No. of Govt. for April
No. 1076.

PROCEEDINGS OF GOVERNMENT. *of Madras*

Dated *9th April 1867*

Passing order on a
letter from the Superintendent
Engineer 7th Div submitting
Statements shewing the
additional sums required
for the completion of
Buildings at Anantapur
in the Malabar District

A 99.100.

29th March 1866 A. 5th April