

(1) Number of pages_____

(2) Date of repair_____

(3) Initials of the Referencer_____

MADRAS RECORD OFFICE.

Government of Madras.

Public works **DEPARTMENT.**

G.O. No.	170	Press
340-341		Mis.
Dated	18-1-	1873.

Not to be folded or roughly handled

(1)

*Proceedings of the Madras Government, Public Works Department,
18th January 1873.*

No. 340. Read the following letter from the District Engineer, Neilgherries, to the Secretary to Government, Public Works Department, dated Ootacamund, 24th December 1872, No. 246:—

The Superintending Engineer handed over to me the following balances:—

Provincial Fund.

	RS.
Civil Buildings, Minor New Works	200
Do. Repairs	195
Do. Police Repairs	100
Miscellaneous Public Improvements, Minor New Works	250

Road Fund.

Communications, Minor New Works	1,000
--	-------

Total... 1,745

2. As the official year is so nearly at an end, I beg to request you will allow me to appropriate these sums as follows:—

	RS.
Construction of a Teak timber bridge on the road from Kotergherry to Kodanaad	200
Re-construction of a Teak timber bridge near the Avelanche Bungalow	300
Construction of a timber (Vengay) bridge on road from Harrington's tope to Woodhouselee at Coonoor	570
Executing certain improvements to the Pykara Traveller's Bungalow	420
Repairs to the Coonoor Post Office	255
	1,745

3. The first is, I believe, within my own power to sanction. It was sanctioned by the Local Fund Board in their Proceedings dated 30th September 1872. It has been completed.

4. The next three works have been approved of by the Commissioner, who has countersigned the plans and estimates. They are much needed. I beg to enclose copies of letters addressed to the Commissioner regarding them, which you may perhaps care to peruse.

5. The last work has met with the approval of the Inspecting Postmaster, and is urgently required (copy of correspondence is attached).

6. The rains are now over and there is no likelihood of the money now requested to be appropriated being required for other more pressing works. In the meanwhile, as the official year is rapidly closing, I beg to solicit early orders.

No. 341.

ORDER THEREON, 18th January 1873, No. 170.

CIVIL WORKS, No. 16.

THE District Engineer, Neilgherries, will be informed that Provincial Funds cannot be made available for appropriation to bridges, roads or traveller's bungalows, for which the Local Fund Board must provide the requisite funds. And with this object in view, Mr. Morant will place himself in communication with the Board, and obtain their sanction to the utilization of the 1,000 Rupees reported to be available under "Minor New Works, Road Fund."

*Proceedings of the Madras Government, Public Works Department,
18th January 1873.*

2. The repairs to the Coonoor Post Office may be proceeded with in anticipation of a specific grant. Being an Imperial charge Provincial Funds cannot be diverted to the work.

(True Extract.)

(Signed) G. W. WALKER, Colonel, R.E.,
Secretary to Government.

To the District Engineer, Neilgherries.

- * Schwabenstraße
- * Fühl. Bepf.
- * Postkasseler Gasse

Section Sixth.
Memo of available balances on the 25th Nov: 1892.

Head	under	Minor	Remarks
		Expenditure	
<u>Imperial Fund.</u>			
Military	8	..	
Do Rent	..	400	
<u>Provincial Fund</u>			
Civil Buildings	200	195	
Do Rent	200		
Do Police	..	132	
Miscellaneous Public Improvements	250	..	
Tools	34	..	
<u>Road Fund</u>			
Communications	1000	..	

Sup. Eng. is offn 7th Div. 1 Coy W. Fairwell St. H. St.
 (Initiative of 2nd Div. 2nd (Jaur copy) Sup. Eng. 7th Div.
 Jackson (Capt R)
 Draft Engineer.

N^o 184.

Executive Eng^r's Office
Colacummi 20th Sept 1877

From

The Executive Engineer
Nilgherry Range.

I

The Superintending Engineer
7th Division
Coimbatore

Sir

With reference to your Letter
N^o 84 of the 3rd Instant, I have the
honour to submit an Estimate amount-
ing to Rs 200 for reconstructing the
Wooden Bridge over the "Killer"
Cramby Pass" for sanction and
provision of funds.

I have &c.

(Signed) J. L. L. Morant Captain P. E.
Executive Engineer
(True Copy)

J. L. L. Morant - Captain P. E.
District Engineer.

PW 6458/72

[Faint handwritten notes in Devanagari script, likely bleed-through from the reverse side of the page.]

①

Estimate No 63 of 1872/73.

Kilgherry Range - Kilgherry District

Work - Reconstructing the Small Timber Bridge on the
Nodanaad Road between the 5th and 6th mile

Measurements.					Particulars.	Rate.	Amount.	Total.
No.	L.	B.	A.	Contents.				
4	14	7	6"	16.4	Beams			
6	3	4	3"	1.6	Uprights			
2	16	4	3"	2.8	Bottom rails			
2	12	4	3"	2.	Top rails			
2	12	3	3"	1.6	Centre rails			
1	15	12	3"	45.	Planking			
69					Cu. ft. - Vengay wood wrought.			
					Spent up	2 12.	189 12.	189 12.
					Supd. & Sundries		10 4.	
					Total Estimate No.		200.	

Specification

Amount of Estimate Rupees - Two hundred

The Roadway of the Bridge is 11 ft wide it is supported by 4 Girders 7x6 with planking 2" thick laid diagonally over the Girders - Uprights & Longitudinal Rails 4x3 - The wood work to be of Vengay wood well seasoned and paid over with boiling Tar -

(Signed) S. L. L. Inayat. Capt. R.E.
 Executive Engineer.

Executive Engineer's Office
 Kilgherry
 Dacca dated 20th Sept. 1872

(True Copy).
 J. K. M. S. M. S.
 Capt. R.E.
 District Engineer.

PM No 6458/72

No 234 District Engineer's office
Cotacamund 14 December 1972
From

The District Engineer
Nilgerry District

The Commissioner
Nilgerris

Sir

Early in June, the greater portion of a large double span timber bridge close to the Avalanche Dam below fell down owing to one of the stone abutments being undermined and thus giving way.

2. I have the honor to forward an Estimate amounting to Rs. 300 for the restoration of this work. The necessity for the restoration is great. During heavy rain the stream is impassable sometimes for several days.

3. If you will kindly return the Estimate with your signature attached I will request Government to allow me to appropriate funds from certain balance now available.

I have

I have the honor to be
 Sir
 Your most obedient servant

of J. L. M. and Captain R. E.
 District Engineer

Encopy

J. L. M. and
 District Engineer

No 6458/72

①
 Estimate No 88 of 1872/73
 Nilgerry District
 Work - Reconstructing the Timber Bridge near the
 Aralanche Bangalore

Measurements No. L. B. H. Cubic	Particulars	Rate	Amount	Total
1 14 5 2 1/2 1.4	Wall plate			
1 8 1/2 5 2 1/2 9 1/2	do			
2 6 1/2 3 1/2 2 77	Rails			
1 5 5 2 1/2 5.2	do			
11 11 1 2 20.2	Flaming planks			
3 6 3 2 9	Uprights			
1 15 4 2 1.6	Rails			
8.10	Wastage			
34	Cu ft Oak and wrought iron 5	170		
80	Cu ft Rough stone work	12	60	
130	Sq ft Painting with Chumac	6	9	
36	Cu ft Saitth for Approaches	4	9	
	Graveling		30	278
	Supdt. & Sundries		22	
	Total Estimate Rs		300	

District Engineer's Office
 Nilgerry
 Dated 11th Dec 72
 J. L. M. and
 District Engineer
 Commissioner & President

Specifications

Amount of Estimate Rupees Three hundred.

Abutments—The portion of the Abutments washed away to be rebuilt with dry stones, and faces pointed with Chumau—
Wind work—to be of seasoned the whole neatly fitted and laid over with a coat of oiling tar

Approaches—between Wing walls to be filled in with earth—the roadway to be gravelled

PM 648/72

N^o 1235

Artacamund (B)
District Engineer's Office
14th December 1872

The Commissioner

Milgherrie

Artacamund

Sir

Will you allow me to forward for your approval a Plan & Estimate for a much needed improvement to the Pykara Bungalow. I sent this to our Predecessor with my letter No 17 of the 27th January 1871. to which he replied in his No 6 of the 28th Idem. But now find funds are available under the new organization.

2. The Pykara Bungalow at present has only one entrance, so that when more than one traveller arrives the second has to go through the room occupied by the first. This is a great inconvenience the more so as now East Indians are allowed to occupy the Bungalow.

3 It is proposed to convert a window on each side of the Building into a door and to erect a porch over each of these fresh entrances.

to protect them from the rain. The slope of the Bungalow is awkward, but in my opinion these proposals will improve matters which require attention

4. If you will have the kindness to return this Plan & Estimate with your signature & will apply to Government for the necessary allotment of funds out of certain balances now available

I have &c

Wm J L Morant (Capt R.E.)
Brett Engineer

(Enc. 2/3)

J. L. Morant (Capt R.E.)

Brett Engineer

PW 6458/72

Estimate No 98 of 1870/71
Nidgherry Range Coimbatore District
Repairs and Improvements to the Travellers Bungalow at Idpara

Particulars	Rate	Amount
4900 sq ft White and color washing	1	4997
80 sq ft Plastering	8	665
Removing 2 Windows &c and substituting 2 Doors	8	
815 sq ft Brick and mortar flooring and plastered	50	121
2 Teakwood panelled doors	50	100
2 Panels of glass	3	6
15 cft Teakwood for Post & Rails		
Plaster for each wing of Idpara	4	60
16 Sheets Corrugated iron	38	56
20 Iron Bolts & Nuts	3	78
8 Clamps	38	28
14 Pq ft Digging	1	14
1 Cfg Excavation	4	4
		578

Suppl. and Sundries 112
Total Estimate Rupees 120
M. Cochrane
Commissioner & Receiver
Idpara

Specification

Amount of Estimate Rupees Four hundred and twenty.

Doors - Doors to be erected on both sides of the building as shown in plan. They are to be of Teak Posts with Jellies work of Teak wood. Covered over with Corrugated sheet and bolted to pulleys and posts. Windows to be renewed and Iron substituted. Doors to be of Teak wood 12 panelled and glazed with Angles, locks, bolts of iron complete.

Flooring to be of Bricks in Churnam, laid on edges and plastered.

Walls to be plastered where necessary and the whole white and color washed.

Refd. Mr. J. L. Morant Lt. Col. R. E.
(In charge) Executive Engineer

District Engineer's Office
Cotacmand
12th December 1872
District Engineer

Prob. P. O.
P. M. P. 6458/72

N. 233.

District Engineer's Office
Cotacmand 12th December 1872

(17)

From Mr. J. L. Morant
To The District Engineer
Nilgerry District
The Commissioner
Nilgerry

Sir ()

I have the honor to forward for your approval an Estimate amounting to Rupees 570 for a Timber Bridge on the road from Harringtons Tote to Woodhouse at Coonoor.

The Bridge is of 12 feet span and gives a roadway of 12 1/2 feet between the railings. It is to replace a rickety and unsafe structure, the walls of which are tumbling down and the timber of which is quite rotten.

If you will kindly accord your approval to this Estimate (returning it with your Signature attached) I will ask Government to allot funds from some money which is available under the

the new organization.

I have the honor to be
Sir

Your most obedient servant

M. J. L. Morant, Captain R.E.
District Engineer

(True Copy)

Lieutenant Captain R.E.
District Engineer

P.W. No 6458/72

Estimate No 86 of 1872/3

(19)

Work — Cost of Reconstructing the first Timber Bridge
on the Road from Hoamingstons Cope to Woodhouselee

No.	L.	B.	C.	Particulars	Rate	Amount	Total
2	26	6	10 1/2	Abutments including foundations		3276	
1	23	5	4	Foundation to retaining wall of roadway		460	
1	11	5	4	do do do do		220	
1	15	10	2	do do to flooring		300	
				<u>4256</u> Cubic ft			
				<u>158</u> Cubic ft Earthwork			
2	26	5	2	Foundation to abutments		520	
1	15	10	2	flooring		300	
2	26	4 1/2	6	Superstructure to abutments		1404	
2	26	3	1 1/4	Filling above wall plate between beams		195	
1	13	5	7	Retaining wall to floor including finish		455	
1	23	4	10	do do of roadway		920	
1	11	3 1/2	6	do do do do		231	
				<u>4025</u> Cubic ft			
				<u>149</u> Cubic ft King's tree work			
2	26			Face of abutments		364	
7	8		1 1/2	End of do		36	
1	8		10	do of do		80	
				<u>480</u> Square ft Churnam Painting			
4	15 1/2	1	8	Beams		414	
2	13	8	4	Wall plates		594	
8	13 1/4	6	4	Short Joists		178	
4	19 1/4	6	1	Long do		1210	
1	15 1/4	13 1/2	1	flooring		253 1/2	
8	2 1/2	4	4	Up rights or posts		254	
6	4	4	4	Centre rail		28	
8	4 1/2	4	3 1/2	Chairs		338	
4	11	2	2 1/2	End Chairs		128	
				<u>115 1/2</u> Wastage			
				<u>124</u> Cubic ft Hoag's Wood weight of fuel of 2 1/2			
				<u>521</u> Supph. Handies			
				<u>48152</u>			
				<u>Total Estimate Proper</u>			<u>570</u>

W. Cornwell

Supd. Handies 48152

W. Cornwell & Partners Specification Carried over

Specification

Amount of Estimated Purposes Estimated & Servants

Site—To be cleared of Rock—Earth excavated so as to have a width of 20 ft. in clear—

Foundations—To be excavated until shell rock, which is perceptible, is met, and in other places until hard solid ground, which is not likely to scour, is obtained—The foundations to be laid with rough stone 5 ft. wide and at an average depth of 2 ft.—stones to be large, faced, and well bonded—

Floor—To be laid 2 ft. deep & 10 ft. wide—stones to be large the upper surface flat & so laid that the stones will catch each other—A single stone retaining wall to be built at tail end—

Abutments—To be raised 6 ft. high, 5 ft. wide at bottom, and 10 ft. at top—stones to be large, faced & well bonded—the space over wall plate & between beams to be filled in with rough stones—Abutments to be pointed with Chumam above foundation—

Retaining Walls to Roadway—To be of rough stone—Foundations to be excavated until hard ground is obtained, wall to be raised to Road level, & pointed above foundation with Chumam—

Wall Plates—To be of Vengi wood $6 \times 8 \times 10$ & laid 6" from edge of abutments—

Beams—To be of Vengi wood—4 Beams each $15 \frac{1}{2} \times 12 \times 8$ —2 1/2 ft. to rest on each abutment—

Short Joists—Vengi wood—8 Joists each $10 \frac{1}{2} \times 6 \times 4$ —

Long Joists—Vengi wood—4 Joists each $19 \frac{1}{2} \times 6 \times 4$ —

Planking—Vengi wood—Planks to be $1 \frac{1}{2}$ " thick, laid diagonal & nailed in to Joists—

Wood work to Ceiling—To be of Vengi wood, the pail to be 3 ft. high from Planking—Cross Rails & uprights to have a

Sectioning of 14×14 —Studs $14 \times 3 \frac{1}{2}$ —& 2 ceps—End studs which are to be $14 \times 2 \frac{1}{2}$ —the whole to be neatly fitted—The

Roadway over Bridge to be covered with stone metal—

District Engineers Office—Nilghevies—Coatnamund—12 Decr 1872—Dist. Engineer

No 2935
Office of Insp^y. Post Master
9th Dr. Artillery
21st Nov 1872

The Post Master General
Madras

Sir

I beg to forward for your information letter No 294 dated 25th Nov 1872 from the Deputy Post Master General reporting the leaky condition of the Post Office Building. I beg to inform you that this matter was brought to the notice of the late Post Master General and at his request the Deputy Engineer was addressed & desired to include in this years budget a sum sufficient to meet the expenses of the necessary repairs. Up to this nothing appears to have been done.

I am &c
/s/ G. Creswell

No 5726
3665.

Insp^y. Post Master 9th Dr.

I enclose forwarded to the Superintending Engineer 7th Dr with a request that he will be so good as to state when the repairs which appear urgently necessary will be effected.

PM No 6458/72

Estimate No 869 1872-73
Mylapore District

Cost of reconstructing
the Pier Bridge on the
Road from Mannings
to Madhavaram.

Ref No. 570-11

Postmaster
Genl Office
Madras
27th Nov 1872

W. B. Rourke
Postmaster General

Transferred to the district
Engineer Nilgiris.

1st W. Farewell St. Hill St
29th Nov 1872. Supp. Engineer 7th St

(True Copy)

J. H. Morant Capt R
Dist Engineer

PP No 6458/12

Estimate No 89 of 1872/73
Nilgiri District
Work & Cost of Repairs &c. to the Division Post Office.

Measurements No. L. B. H. Cubic	Particulars.	Rate.	Amount.	Total.
2 23 13	598 Office			
2 32 13	832 Post. Masters Dur			
1 23 9	207 Verandah			
1 10 8	80 Bath room			
1 8 7	56 do			
	1773 Square ft. - Joining Sides	10	177	4 10
1 76	12 912 Interior of Office			
1 120	12 1440 do - Post. Masters Dur			
1 32	8 256 do - Bath room			
1 24	8 192 do do			
1 23	12 276 do - Spent Verandah			
3 7	8 168 Pillars			
1 89	12 1068 Exterior all round			
1 89	2 178 Basement do			
	4490			
	286 Deductions			
	4204 Square ft. - White & Color Washing	7	18	6 3
2 12 12	1 4 1/2 Cubic ft. - Brick in Chumam for Pillars to steps	40	1	12 10
4 5 1	20 Square ft. - Flooring the steps with 1 ft. Square bricks	18	3	9 7
1 89	2 178 Basement all round			
2 6	1 12 Pillars to steps			
	190 Square ft. - Plastering with Chumam	8	15	3 2
1 10 10	100 Post. Office			
1 8 6	48 Post. Masters Dur			
1 6 6	36 Verandah			
	1814 Square ft. - Plastering Floors	8	14	11 6
			231	2

Supd. & Sundries 23 15 10

Total Estimate Rs 255

Specification

Amount of Estimate Proper - Two hundred & fifty five.
The whole of the Sides to be turned & relayed on.

On Post Office, Post-Master's Quarters and Bath rooms,
 all rooms occupied by the Postal Department to be
 white and color washed internally and externally
 Walls to be repaired Floors to be repaired Steps
 to be repaired with 1 ft. Square Bricks

per Account
 District Engineer's Office Capt. R.E.
 Neilgherry District Engineer
 Cochin 17th December 1872

Mr. [unclear]
 From Office
 of [unclear]
 19th Dec. 1872

Look of Neilgherry
 to the Engineer
 Post Office

Estimate No 89 of 1872
 Neilgherry District

PM 6458/1

Encl. 250-1

Proceeding of the Madras Government
 Read the following letter
 From the Dist Engr
 Neilgherry

17th Dec. 1872

(H. E. No. 246 dated
 24th Dec 1872)

The District Engineer Neilgherry will
 be informed that Gov.
 Vindictive funds can
 not be made avail-
 able for appropriation
 to bridges and to
 Travellers Bungalows;
 but the Local
 Fund Board must
 provide the requisite
 funds and with this
 object Capt. Morant
 will place himself in

W.C.

to the [unclear]
 [unclear]
 [unclear]

Communication with
the Board, and obtain with their sanction the

utilization of the
Rupers reported to be
available under
Bureau of
Rante Fund
... the affairs to the
Common Law Office
may be proceeded
with disbursement
of a specific grant
Bureau of
Charges Provincial
Funds cannot be
diverted to the
Bureau of
... and

...
...

25

- To the ...
- Controller of ...
- ...
- ...

Op 6458

Govt. of 1873 Madras.

PUBLIC WORKS.

The District Commr.
Nilghevries

Dated

Recd.

Encl.

G. O. 18 Jan 1873. No. 170.

Nos. 3404344

Inds. Paper orders
in letter from the D. Commr.
Nilghevries, applying
for certain appropriation
of funds.