M.R.O. 1—77,006—8-6-37.

(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. 234
484-485

Press
~~Mis.~~

Dated 20—1— 1866.

Not to be folded or roughly handled

AR

No. 484. Read the following letter from the Superintending Engineer, 7th Division, to the Secretary to Government, Department Public Works, dated Coonoor, 20th December 1865, No. 218 :—

1. I have the honor to submit, for sanction, an abstract estimate of the cost of opening the new Goodaloor Ghât from Nediwuttum Bungalow to the junction with the Tippakadoo and Karkoor Ghât road, being a length of rather more than 10½ miles, at a gradient of 1 in 19. Its amount is Rupees 81,400, which I consider moderate enough, although it does not include metalling, for which subsequent estimates must provide, and the necessary funds be raised from tolls after the line is once opened to carts. Rupees 13,000 had been expended in 1864-65 on the trace and bridle-path throughout, and in opening the portion above the first crossing of the old ghât to 12 feet; and Rupees 5,760 being the allotment of the current year, Rupees 62,640 will remain to be provided in 1866-67 and future years; whereof it will be well if Rupees 22,640 can be allotted in next year's Budget.

2. The accompanying survey distinctly shows both old and new ghâts, and gives an idea of the ground they traverse to any one acquainted with the localities; and, as Major Farewell suggests, it is desirable that several copies of it should be lithographed in the Government Office for general use hereafter. There being no bridges of any importance on the line, detailed plans and estimate of such work have been dispensed with; but in the detailed estimate of the ghât work, (which I do not think it necessary to forward,) the position of each of the 150 rough stone drains, and of the three small bridges, is laid down. The survey of the new road from Neddiwuttum into Ootacamund is completed, and its estimate is well in hand.

No. 485. ORDER THEREON, 20th January 1866, No. 234.

CIVIL WORKS, No. 85.

The Government sanction the estimate of Rupees 81,400, submitted with this letter, for opening the new Goodaloor Ghât. They observe that the outlay on this work up to 30th April next is estimated at Rupees 18,760. Provision to some extent will be made for it in the Budget of 1866-67.

(True Extract.)

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

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

Exd. S. T. Augustin.

No 65 of 1865/66.

Abstract Estimate of the Cost of Opening the New Goodaloor Ghaut, from the Travellers Bungalow at Keddiwuttum to the junction with the Tippakadoo and Karkun Ghaut and below Goodaloor—

Quantity	Particulars	Rate	Amount	Total
38,183	C: yards of 1st Class Earth & Cork	" 4 "	9,545 12 "	
31,081	D: 2d	" 5 "	9,712 13 "	
45,873	D: 3d	" 6 "	17,202 6 "	
17,515	D: 4'	" 8 "	8,757 8 "	
9,526	D: Filling on raising embankment	" 4 6	2,679 3 "	
4,796	D: Blasting & removing Rocks	3 " "	14,388 " "	
3,098	Revetment	1 8 "	4,647 " "	
146	Rough Stone Drains	30 " "	4380 " "	
4	D: D:	100 " "	400 " "	
1	20 feet Span Timber Bridge	800 " "	800 " "	
2	12 D: 4' D:	400 " "	800 " "	
10/p:	Bullock Loading Road	315 " "	3150 " "	
7	D: of Check Channel	1050 " "	4050 " "	77,512 10 "
	Sundries at 5 per cent			3,887 6 "
	Estimate Rupees			81,400 " "

Executive Engineers Office
No 1 Neilgherry Range
Octacamund 11th December 1865

(Signed) W. Farewell Major
Executive Engineer

Specification

Amount of Estimate Rupees 81,400 " "

The Gradient to be 1 in 19

The Roadway to be 21 ft wide of which 18 feet is to be metalled—

X

There are no Bridges of importance on the line

Drains to be of Rough stone—

(Signed) W. Farewell Major
Executive Engineer

(Signed) W. Lambert Lieut. Colt. R.E.
Supdg Engineer 7th Dy

No 218

Superintending Engineer's Office 7th Div.
Coimbatore 20th December 1865.

From,

Lieutenant Colonel J. H. Walker R.E.
Superintending Engineer 7th Div.

To,

Colonel C. A. Orr R.E.
Secretary to Government P.W.D.

Sir,

I have the honor to submit for sanction the abstract Estimate of the cost of opening the New Godaloor Ghaut from Nediwuttum Bungalow to the junction with the Sippikadoo and Karkoor Ghaut Road, being a length of rather more than 11½ miles, at a gradient of 1 in 19.- The amount is Rs. 81400; which I consider moderate enough, although it does not include metalling, for which subsequent Estimates must provide, and the necessary fina- be raised from Tolls after the line is once opened to barts- Rupees 13000 had been expended in 1864-65 on the trace and bridlepath throughout, and in open- -ing the portion above the 1st crossing of the Old Ghaut to 12 feet; and Rupees 5760 being the allotment of the Current Year, Rupees 62640 will remain to be provided in 1866-67 and future years; wherefore it will be well of Rupees 22640 can be allotted in next years Budget.

2. The accompanying Survey distinctly shews both the Old and New Ghauts, and gives an idea of the Ground they traverse to any one acquainted with the localities- And, as Major Farewell suggests, it is desirable that several Copies of it should be Lithographed in the Government Office for general use hereafter- There being no Bridges of any importance on the line, detailed Plans and Estimate

No 218

Superintending Engineer's Office 7th Div.
Coimbatore 20th December 1865.

From,

Lieutenant Colonel J. H. Walker R.E.
Superintending Engineer 7th Div.

To,

Colonel C. A. Orr R.E.
Secretary to Government P.W.D.

Sir,

I have the honor to submit for sanction the abstract Estimate of the cost of opening the New Godaloor Ghaut from Nediwuttum Bungalow to the junction with the Sippikadoo and Karkoor Ghaut Road, being a length of rather more than 11½ miles, at a gradient of 1 in 19.- The amount is Rs. 81400; which I consider moderate enough, although it does not include metalling, for which subsequent Estimates must provide, and the necessary final- be raised from Tolls after the line is once opened to barts- Rupees 13000 had been expended in 1864-65 on the trace and bridlepath throughout, and in open- -ing the portion above the 1st crossing of the Old Ghaut to 12 feet; and Rupees 5760 being the allotment of the Current Year, Rupees 62640 will remain to be provided in 1866-67 and future years; wherefore it will be well of Rupees 22640 can be allotted in next years Budget.

2. The accompanying Survey distinctly shews both the Old and New Ghauts, and gives an idea of the Ground they traverse to any one acquainted with the localities- And, as Major Farewell suggests, it is desirable that several Copies of it should be Lithographed in the Government Office for general use hereafter- There being no Bridges of any importance on the line, detailed Plans and Estimate

No 218

Superintending Engineer's Office 7th Div.
Coimbatore 20th December 1865.

From,

Lieutenant Colonel J. H. Walker R.E.
Superintending Engineer 7th Div.

To,

Colonel C. A. Orr R.E.
Secretary to Government P.W.D.

Sir,

I have the honor to submit for sanction the abstract Estimate of the cost of opening the New Godaloor Ghaut from Nediwuttum Bungalow to the junction with the Sippikadoo and Karkoor Ghaut Road, being a length of rather more than 11½ miles, at a gradient of 1 in 19.- The amount is Rs. 81400; which I consider moderate enough, although it does not include metalling, for which subsequent Estimates must provide, and the necessary final- be raised from Tolls after the line is once opened to barts- Rupees 13000 had been expended in 1864-65 on the trace and bridlepath throughout, and in open- -ing the portion above the 1st crossing of the Old Ghaut to 12 feet; and Rupees 5760 being the allotment of the Current Year, Rupees 62640 will remain to be provided in 1866-67 and future years; wherefore it will be well of Rupees 22640 can be allotted in next years Budget.

2. The accompanying Survey distinctly shews both the Old and New Ghauts, and gives an idea of the Ground they traverse to any one acquainted with the localities- And, as Major Farewell suggests, it is desirable that several Copies of it should be Lithographed in the Government Office for general use hereafter- There being no Bridges of any importance on the line, detailed Plans and Estimate

No 218

Superintending Engineer's Office 7th Div.
Coimbatore 20th December 1865.

From,

Lieutenant Colonel J. H. Walker R.E.
Superintending Engineer 7th Div.

To,

Colonel C. A. Orr R.E.
Secretary to Government P.W.D.

Sir,

I have the honor to submit for sanction the abstract Estimate of the cost of opening the New Godaloor Ghaut from Nediwuttum Bungalow to the junction with the Sippikadoo and Karkoor Ghaut Road, being a length of rather more than 11½ miles, at a gradient of 1 in 19.- The amount is Rs. 81400; which I consider moderate enough, although it does not include metalling, for which subsequent Estimates must provide, and the necessary final- be raised from Tolls after the line is once opened to barts- Rupees 13000 had been expended in 1864-65 on the trace and bridlepath throughout, and in open- -ing the portion above the 1st crossing of the Old Ghaut to 12 feet; and Rupees 5760 being the allotment of the Current Year, Rupees 62640 will remain to be provided in 1866-67 and future years; wherefore it will be well of Rupees 22640 can be allotted in next years Budget.

2. The accompanying Survey distinctly shews both the Old and New Ghauts, and gives an idea of the Ground they traverse to any one acquainted with the localities- And, as Major Farewell suggests, it is desirable that several Copies of it should be Lithographed in the Government Office for general use hereafter- There being no Bridges of any importance on the line, detailed Plans and Estimate

No 218

Superintending Engineer's Office 7th Div.
Coimbatore 20th December 1865.

From,

Lieutenant Colonel J. H. Walker R.E.
Superintending Engineer 7th Div.

To,

Colonel C. A. Orr R.E.
Secretary to Government P.W.D.

Sir,

I have the honor to submit for sanction the abstract Estimate of the cost of opening the New Godaloor Ghaut from Nediwuttum Bungalow to the junction with the Sippikadoo and Karkoor Ghaut Road, being a length of rather more than 11½ miles, at a gradient of 1 in 19.- The amount is Rs. 81400; which I consider moderate enough, although it does not include metalling, for which subsequent Estimates must provide, and the necessary final- be raised from Tolls after the line is once opened to barts- Rupees 13000 had been expended in 1864-65 on the trace and bridlepath throughout, and in open- -ing the portion above the 1st crossing of the Old Ghaut to 12 feet; and Rupees 5760 being the allotment of the Current Year, Rupees 62640 will remain to be provided in 1866-67 and future years; wherefore it will be well of Rupees 22640 can be allotted in next years Budget.

2. The accompanying Survey distinctly shews both the Old and New Ghauts, and gives an idea of the Ground they traverse to any one acquainted with the localities- And, as Major Farewell suggests, it is desirable that several Copies of it should be Lithographed in the Government Office for general use hereafter- There being no Bridges of any importance on the line, detailed Plans and Estimate

No 218

Superintending Engineer's Office 7th Div.
Coimbatore 20th December 1865.

From,

Lieutenant Colonel J. H. Walker R.E.
Superintending Engineer 7th Div.

To,

Colonel C. A. Orr R.E.
Secretary to Government P.W.D.

Sir,

I have the honor to submit for sanction the abstract Estimate of the cost of opening the New Godaloor Ghaut from Nediwuttum Bungalow to the junction with the Sippikadoo and Karkoor Ghaut Road, being a length of rather more than 11½ miles, at a gradient of 1 in 19.- The amount is Rs. 81400; which I consider moderate enough, although it does not include metalling, for which subsequent Estimates must provide, and the necessary final- be raised from Tolls after the line is once opened to barts- Rupees 13000 had been expended in 1864-65 on the trace and bridlepath throughout, and in open- -ing the portion above the 1st crossing of the Old Ghaut to 12 feet; and Rupees 5760 being the allotment of the Current Year, Rupees 62640 will remain to be provided in 1866-67 and future years; wherefore it will be well of Rupees 22640 can be allotted in next years Budget.

2. The accompanying Survey distinctly shews both the Old and New Ghauts, and gives an idea of the Ground they traverse to any one acquainted with the localities- And, as Major Farewell suggests, it is desirable that several Copies of it should be Lithographed in the Government Office for general use hereafter- There being no Bridges of any importance on the line, detailed Plans and Estimate

No 218

Superintending Engineer's Office 7th Div.
Coimbatore 20th December 1865.

From,

Lieutenant Colonel J. H. Walker R.E.
Superintending Engineer 7th Div.

To,

Colonel C. A. Orr R.E.
Secretary to Government P.W.D.

Sir,

I have the honor to submit for sanction the abstract Estimate of the cost of opening the New Godaloor Ghaut from Nediwuttum Bungalow to the junction with the Sippikadoo and Karkoor Ghaut Road, being a length of rather more than 11½ miles, at a gradient of 1 in 19.- The amount is Rs. 81400; which I consider moderate enough, although it does not include metalling, for which subsequent Estimates must provide, and the necessary final- be raised from Tolls after the line is once opened to barts- Rupees 13000 had been expended in 1864-65 on the trace and bridlepath throughout, and in open- -ing the portion above the 1st crossing of the Old Ghaut to 12 feet; and Rupees 5760 being the allotment of the Current Year, Rupees 62640 will remain to be provided in 1866-67 and future years; wherefore it will be well of Rupees 22640 can be allotted in next years Budget.

2. The accompanying Survey distinctly shews both the Old and New Ghauts, and gives an idea of the Ground they traverse to any one acquainted with the localities- And, as Major Farewell suggests, it is desirable that several Copies of it should be Lithographed in the Government Office for general use hereafter- There being no Bridges of any importance on the line, detailed Plans and Estimate

Civil Works

234

No. 234

The Government sanction the Estimate of Rs 81,400 submitted with this letter for opening the new Goodaloor Ghaut. They observe that the outlay on this work up to 30th April next is estimated at Rupees 18,760. Provision to some extent will be made for it in the Budget of 1866/67.

W.D.K

Fort St George
20th January 1866

To
The Supt Engr 1st Div Nth Survey
2. Controller of P.W. Accts
3. Accountant General

24

Last 22 January 66.

I have the honor to be
Sir
Your Most obedient Servant
W. Wilkie Lieut Col RE
Supt Engineer 1st Div

of such work have been dispensed with, but in the detailed Estimate of the Chaul Work, (which I do not think it necessary to forward) the provision of cost of the 150 rough Iron Bars, and of the 3 small bridges, is laid down—The Survey of the New Road from Poddivattum into Ootacamund is completed, and its Estimate is still in hand.—

Lro 15th Feby/64 № 314-315
" 11th June " " 253-254
" 17th Nov/65 " 361-362

P.W.D. Depte
Rec.d of Govt. for January
From № 5789
The Supt. Engineer
" Divisions

To
The Secretary to Govt.
D.P.W. Madras

№ 218

Dated 20th December 1865

Rec.d 2.

Submits for sanction an abstract Estimate & Survey for opening the New Godalore Chaut from Nadiwattum Bungalow to the junction with the Tiffatadoo and Karkoor Chaut Road
Lro 234-20th Jany 1866
With an order

№ 484. 488

Lr. 10th Jany 1866. Dr. 19th

19/12/65