M.R.O. 1—77,008—8-6-37.

(1) Number of pages 2

(2) Date of repair 2. 1. 38

(3) Initials of the Referencer

1

MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

Cons. 2-1-16 5 4

G.O. No. 2422 Press Mis/

1-5-36

Dated 12-10 18 5 4.

Not to be folded or roughly handled

No. 95. Read the following letter from Lieutenant-Colonel J. H. BELL, Chief Engineer; to J. D. BOURDILLON, Esq., Secretary to Government, dated 1st October 1859, No. 5654.

1 Letter from District Engineer Canara, dated 18th June 1859, No. 402.
2 Abstract estimates.
2 Reports.
2 Plans.
1 Letter from District Engineer, dated 26th July 1859, No. 441, with 1 traffic statement.

Agreeably to the requisition contained in the Proceedings of Government, dated 17th June 1859, No. 1490, I have the honor to forward herewith, plans and estimates, amounting respectively to Rupees 4,070 and 2,110 for the re-construction of two bridges on the Munzerabad ghât road in the Canara District, the want of which is represented to obstruct the traffic on this road during the rainy season.

2. The first of the above estimates provides for a lattice bridge with iron ties over the Kadambála river, in accordance with the standard plan, to consist of two spans of 60 feet each, and is to replace that which was destroyed by fire on the 21st March last. The second is for a timber bridge of four spans of 33 feet, to be built on the plan of that which it is intended to replace.

3. Lieutenant Hunter explains, that though decidedly opposed to the construction of timber bridges, on account of their liability to destruction by fire; both from the carelessness of native travellers, and the jungle fires which are of annual occurrence, yet, in the absence of good stone or laterite, and the experience already gained of the inexpediency of using such materials of inferior quality; he has no alternative but to propose timber bridges. It is anticipated, however, that by proper selection of timber, greater durability, than has hitherto been experienced in similar structures, may be secured.

4. The statement of traffic on the road on which the above bridges are proposed to be built, is enclosed; and though, in consideration of the circumstance so forcibly urged by the District Engineer that the want of these bridges obstructs entirely the traffic, the works in question may be considered of an emergent character; yet, considering that it would be impossible now to get them constructed for use in the monsoon season, and that in the dry season the traffic will not be so much interrupted for want of them; I can only, under present restriction of expenditure, recommend the proposals for entry in the next budget.

5. The estimates have undergone the usual revision, and have been found to be moderate but sufficient.

No. 96. ORDER THEREON, 12th October 1859, No. 2422.

Agreeably to the Chief Engineer's recommendation, the estimates of 4,070 Rupees and 2,110 Rupees for timber bridges over the Kadambála and Kabinhal rivers on the Munzerabad road in Canara, are sanctioned for entry in the budget of 1860-61.

(Signed) T. PYCROFT,
Chief Secretary.

(37)

Public, [roads] (Repairs)

Abstract of Estimate No. of 185 .5

Road No.

District. Canara

Work. Repairing the Timber Bridge of 4 Spans over the Gubbenhalla River in the 28th Mile of the Road from Copenungady to Munzerabad.

Quantities	Description of Work	Rate			Amount	Amount for each part
C. Yds.		Rs/n	as	P.	Rupees	Rupees
1968	Cubic Ft. Wrought Timber including average ——— of 16 Ft.	1	"	"	1968	
	100 New Iron Nails 8 Feet long @	"	3	"	19	
	1000 New nails 6" long ——— @	"	"	3	16	
	Painting the whole with 3 Coats	"	"	"	60	
	1 Carpenter Mason for Two Months ——— 1/2 Month	16	"	"	32	
	Sundries	"	"	"	15	
					Total Rupees 2110	

Contd. Sheet No. 2

Contractor's Name
Field Guard Gooty
1st October 1859.

Divl. Engineer 2nd Class
Chief Engineer 2nd Div.

Quantities	Description of Work	Rate			Amount	Amount for each part
C. ft.		Rs	As	P.	Rupees	Rupees

Enclosure

In a letter

From

The Chief Engineer

D/T/S.

No 2574/59

To

The Secretary to Govt

D/T/S.

Date 1st October /59

Received 3rd

No. 5654

Abstract Estimate of Repairing the Number Bridge of 11 Spans over the Cobbimbum River from Ooperumgaddy to Munzeerabad in the District of Canara Amounting to Rupees 2110--

7

Public [roads] [New Work]

Abstract of Estimate No of 185 /5

Road No

District Canara

Work. Reconstructing a Number Bridge of 2 Spans each 60 feet Over Cundumbulla river in the 18th Mile of the road from Ooperumgaddy to Munzeerabad.

Quantities	Description of Work	Rate Rs	As	P.	Amount Rupees	Amount for each part Rupees
C. Yds						
1224	Rubble Masonry in Chunam including Pointing with Chunam @ Rs 13	13	-	-	159	
2892	Do Wrought Number including wastage @ Rs 1	1	-	-	2892	
7,900	lbs Wrought iron @ 3 Annas	-	3	-	1481	
	184 Boat nails 6" long @ 8 Annas	-	2	6	29	
	1,800 Planking nails 4" long @ 1 Anna	-	-	1	100	
	1 Screw Stock with taps for Cutting Screws 3" Diameter	-	-	-	50	
	Tarring the whole with 2 Coats	-	-	-	60	
	Sundries				61	
		Total Rupees				4220
	Deduct Value of Remaining Materials of Old Bridge					150
		Net Amount Requiring Sanction Rs				4070

Central Office of PW
Fort St. George
1st October 1859

Lieut Col.
Chief Engineer D/T/S

Quantities	Description of Work	Rate	Amount	Amount for each part

Enclosure

In a letter

From

The Chief Engineer.

2nd

PW 2574/59

To The Secretary to

Government 2nd

Dated 1st Oct/59

Recd 3 Oct/59

No 5654

Abstract & Remarks of

Recommending a Number

Bridges of 2 Spans each 60 feet

Over Cundumballa River in

the 18th Mile of the Road from

Coponangadoy to Mungerabad

in the District of Canara -

Amounting to Rs 4070 -

Central Office of Works

Fort Saint George

1st October 1859.

No. 5654

From

The Chief Engineer

To

The Secretary to Government P.W.D.

Fort Saint George

Public Bridges

Enclosures

1 Letter from Dy Engr Canara dt 18th June 1859 No 402

2 Abstract Estimates

2 Reports

2 Plans

1 Letter from Dy Engr dt 26 July 1859 No 441. with Traffic Statement

Sir,

Agreeably to the requisition contained in the Proceedings of Government dated 4th June 1859. No 1490, I have the honor to forward herewith Plans and Estimates amounting respectively to Rupees 4070 and 2110 for the reconstruction of two Bridges on the Mungerabad Ghat Road in the Canara District the want of which is represented to obstruct the traffic on this Road during the rainy season.

2. The first of the above Estimates provides for a Lattice Bridge with Stone ties over the Cudumballa river, in accordance

accordance with the Standard Plans, to consist of 2 Spans of 60 feet each, and is to replace that which was destroyed by fire on the 21st March last. The second is for a Timber Bridge of 4 Spans of 33 feet, to be built on the plan of that which it is intended to replace.

3. Lieutenant Hunter explains, that tho' decidedly opposed to the construction of Timber Bridges on account of their liability to destruction by fire, both from the carelessness of Native Travellers, and the Jungle fires which are of annual occurrence, yet, in the absence of good Stone or laterite, and the experience already gained of the inexpediency of using such materials of inferior quality, he has no alternative but to propose Timber Bridges. It is anticipated, however, that by proper selection of Timber, greater durability, than has hitherto been experienced in similar structures, may be secured.

4. The Statement of Traffic on the roads on which the above Bridges are proposed to be built, is enclosed; and tho', in consideration of the circumstances so forcibly urged by the District Engineer that the want of these Bridges would entirely stop the Traffic, the Works in question may be considered of an emergent Character, yet, considering that it would be impossible now to get them constructed for use in the Monsoon season, and that in the dry season the traffic will not be so much interrupted for want of them; I can only, under present restriction of expenditure, recommend the proposals for entry in the next Budget.

5. The Estimates have undergone the usual revision, and have been found to be moderate but sufficient.

I have the honor to be
Sir,
Your most Obedt. Servant
[signature] Lieut.-Colonel
Chief Engineer
to Government P.W.D.
Fort St. George

Central Office of P.W.
Fort Saint George
1st October 1857.

Capt.
Asst. Chief Engr.

To The Secretary
to Government
P.W.D.

E.B. Brain

Encs: 17 June/59 Nos 100-101-

From the Chief Engr 22 Decr/62 Ct 3685 in Rio

Nos 95 + 96-

C to Chief Rll

T. P. 1859 Dec 4th
Pro: of Govt 24th Octr
No 2574

From
The Chief Engineer
To The Secy to Govt, C.W.D.

Dated 1st
Rec'd 3d } Octr 1859

No 5654

Encs 8 Return 86 Encl
24-10-59.

Recommends for entry in the next Budget Estimates for the reconstruction of two Bridges on the Mungeraba Gyaat Road in the Cavara District.

No 2422. 12th Octr

From the Dy Chief Engr
C & D 21 April/62
C Roy du Rio

Write an Order

No 2422.

2422

Agreeably to the Chief Engrs recommendation, the estimates of 4,070 Rs and 2,110 Rs for timber bridges over the Kadambála & Kabinibal rivers on the Mungeraba road in Canara, are sanctioned for entry in the budget of 1860/61

JP

Dept Chief Engr
12th Octr 1859

10 Copies

To The Chief Engineer Dist 13