M.R.O. 1—77,006—8-6-37.

(1) Number of pages 14

(2) Date of repair 2.11.38

(3) Initials of the Referencer

MADRAS RECORD OFFICE.

Government of Madras.

Public Works **DEPARTMENT.**

Cons. 20.1.1860

G.O. No.	136	Press / Mis.
97-98 Dated	19-1-	1860.

Not to be folded or roughly handled

2/11/38

No. 97. Read the following letter from Lieutenant-Colonel J. H. BELL, Chief Engineer; to J. D. BOURDILLON, Esq., Secretary to Government, dated 9th December 1859, No. 8145.

With reference to the order of Government, No. 2185, 12th September 1859, I have the honor to submit a plan and an estimate, amounting to Rupees 53,300 for the construction of a bridge over the Kumaradari river at Oopinangadi in South Canara.

1 Letter from District Engineer dated 26th October 1859, No 521.
1 plan 1 estimate and 1 report

2. The plan is for a bridge of 13 elliptical arches of 50 feet span each.

3. The foundations, piers and buttresses and wing walls are proposed to be built of hammer dressed granite, the rest of brick in chunam.

4. The design and the estimate having been examined in this office are found to be suitable, and I accordingly recommend the project for entry in the budget.

5. With reference to the latter part of paragraph 4 of order of Government referred to above, I beg to report that no further information has yet been received relative to the comparative advantages of bridging the Netravatty and of improving the navigation of the river.

No. 98. ORDER THEREON, 19th January 1860, No. 136.

In this letter, the Chief Engineer submits a project for building at an estimated cost of 53,300 Rupees, a masonry bridge of thirteen elliptic arches over the Kumaradari river at Oopinangadi, being on the continuation of the Manzerabad road in South Canara.

No information is supplied however as to the amount of traffic on this road. It was merely stated to be increasing by the acting District Engineer, when in his former* letter reporting on the road from Oopinangadi to Mangalúr, he urged the necessity of bridging the Kumaradari. So also, it is not stated whether the river is always full like many of the rivers of Canara near the coast, or whether it is only full during the monsoon, though the Government believe the latter to be the case. This absence of essential information as to the necessity of the bridge, makes it impossible to sanction it. And the Government would at all events have felt compelled to refuse sanction for a work, which seems to be of so much less urgent necessity than many others, which, though approved and sanctioned long ago, continue in abeyance for want of funds.

* 8th July 1859, No 426, paragraph 4. Vide Proceedings of Government, 12th September 1859, No. 2185.

(Signed) T. PYCROFT,
Chief Secretary.

Central Office of Civil
Fort Saint George
9th December 1859.

No. 8145

From
The Chief Engineer
&c &c
To
The Secretary to Government
Public Works Department

Sir

Public

With reference to the order of Government No. 2185. 12th September 1859, I have the honor to submit a Plan and an Estimate amounting to Rupees 23,300 for the construction of a Bridge over the Komadairi River at Papinangdoli in South Canara.—

2. The Plan is for a Bridge of 13 Elliptical Arches of 50 feet Span each.—

3 The foundations, Piers and Buttresses and wing walls are proposed to be built of Rammer dressed Granite the rest of Brick in Chunam.—

4 The designs and the Estimate having been examined in this Office, are found

to

Public [roads] [New Work]

Abstract of Estimate. No. of 185 .5

Road No.

District. Omara.

Work. Constructing a Bridge of 13 arches across the Comaradavy stream at Cossimungday.

ties	Description of Work	Rate Rs	as	P.	Amount Rupees	Amount for each part Rupees
5	Cubic ft. of Rammered Granite in Chunam——1 foot	13	.	.	11,940	
6	Do. Facing with Cut Granite in Chunam——1 ft.	1	.	.	3126	
35	Do. Brick in Chunam—— Do.	.	3	.	1373	
46	Do. Do. Do.——Do.	.	1	.	1349	
5	Sup.ft. Plastering including Pointing——1 Sup.ft.	3	.	.	1816	
50	Cubic ft. Excavating foundations and filling between wings 1 ft.——1 foot	.	8	.	849	
	Centring——	.	.	.	2628	
	Baling——	.	.	.	500	
	Forming roadway and filling approaches——	.	.	.	300	
	Carried over——				18,426	

Rec.d 9th Nov.r 59 Rupees 3260.

Rec.d 9th Dec.r 59 Rupees 1425

No. 81145

E.H. Robinson

Commissioner for Public Works

Eg Establishment

Quantities	Description of Work	Rate			Amount	Amount each part
C. Yds.		£	s	d	Rupees	Rupees
					Brought forward	45126
8	Guard Granite Stone	2	1	5	12	
	Sundries and Contingencies &c				1562	
					Total Rupees	53300

Central Office of Ph & Hot Land & Surg &c
9th December 1859

Lieut Col
Chief Engineer & Ph

No 136. Civil Dept.

Proceedings of the Madras Government
Under date the 19th January 1860.

Read the following letter
from the Chief Engineer.

Recommends for entry
in the Budget an Estimate
of Rupees 53,300 for a Bridge
over the Kumaradari River in the
Canara District.

Hereunto 9th December 1859 No 8145

In this letter, the
Chief Engr submits a project
for building at an estimated cost
of 53,300 Rs, a masonry bridge
of thirteen elliptic arches over
the Kumaradari river at Opin-
angadi, being on the continua-
tion of the Manjerabad road
in South Canara.

No information is sup-
plied herein as to the amount
of traffic on this road. It was
merely stated to be increasing
by the Acting District Engr, when
in his former letter reporting on
the road from Opin-angadi to

8th July 59, No 426, para 4.
vide Res: of Govt, 12th Sept 59, No 2185.

Vide para

In a letter

From The Chief Engineer
dated

To The Secretary to Govt
dated

No 8145

Dated 9th Dec 1859

Received

1st Jan 1860

No 3266/59

Submitting Estimate of
Constructing a Bridge of 13 arches
across the Kumaradary river
at Arbemangady in the District
of Canara, amounting to
Rupees 53,300—

Mangalore, he urged the necessity of bridging the Kumaradari. So also, it is not stated whether the river is always full like many of the rivers of Canara near the coast, or whether it is only full during the monsoon, tho' the Govt believe the latter to be the case. This absence of essential ~~sepany~~ information as to the necessity of the bridge, makes it impossible to sanction it. And the Govt would at all events have felt compelled to refuse sanction for a work, which seems to be of so much less urgent necessity, than many others which, though approved & sanctioned long ago, continue in abeyance for want of funds.

J.P.

10 Copies to the Chief Engr. Dated 24th
in Lett. 3 Rec'd

Public Works 1860 Dcpt.
Pro: of Govt 20th January.

No 136.

Pro: of the Madras Govt.
Dt 19th January 1860

Respecting the
project for building
a Masonry bridge
over the Kumaradari
river at Oshinangadi
in South Canara -

No 97 & 98.

Cy Jany 1213