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

4

MADRAS RECORD OFFICE.

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Government of Madras.

Public Works DEPARTMENT.

Cons. 20th 1860

G.O. No. 1[illegible] Press / Mis.

65-06 Dated 19-1- 1860.

Not to be folded or roughly handled

2/11/38

No. 105. Read the following letter from Lieutenant-Colonel J. H. BELL, Chief Engineer; to J. D. BOURDILLON, Esq., Secretary to Government, dated 4th January 1860, No. 8776.

I have the honor to forward the accompanying estimate, amounting to Rupees (6,850) six thousand eight hundred and fifty, for restoring the bridge of five arches of 30 feet span each over the Culiaur, on the road from Trichinopoli to Arealore, and carried away during the floods of November 1858.

1 Letter from District Engineer, Trichinopoli, No. 893 dated 22nd Novr. 1859.
1 Do. Collector No. 294, dated 23rd November 1859.
1 Abstract estimate Rupees 6,850.
1 Plan and 1 Sketch.

2. The foundations of the work will be of brick in chunam, 3 feet deep resting on wells sunk 6 feet.

3. The piers will be six feet thick and abutments eight feet (one abutment and wing walls are still in good order) raised to a uniform height of nine feet with $\frac{1}{4}$ of the span as the versed sine of the arch, giving a total height of 16$\frac{1}{2}$ feet and allowing a clear height of 6 feet above the highest floods, for the passage of trees or other floating bodies; section of river at highest flood 1,300 superficial feet, waterway provided 1,850 superficial feet, width of roadway between parapets 18 feet, between wing walls 21 feet.

4. The Culiaur itself a jungle stream called a short distance higher up the Oopaur, is fed by the surplus of the Paroovully and Iyer channels which drain by the Pungany into the Culiaur $\frac{1}{2}$ mile above the site of the bridge, and has water in it for 8 or 9 months in the year. This line is the only means of communication in that part of the district and passes through the richly cultivated táluqs of Laulgoodi. I have the honor, therefore, to solicit the early sanction of Government for the estimate, amounting to Rupees (6,850) six thousand eight hundred and fifty, to be defrayed from the funds allotted for repairs in the district for the current official year.

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No. 106. ORDER THEREON, 19th January 1860, No. 140.

The Government sanction the estimate for re-constructing the bridge of five arches across the Culiaur river in the district of Tricinopoli, and grant authority for the amount Rupees 6,850 being defrayed from the funds allotted for repairs in the district for the current official year.

(Signed) T. PYCROFT,
*Chief Secretary.*

Central Office of Works
Sepáhkam
4th Jany 1860

No 8776

From
The Chief Engineer

Public Communication

To
The Secretary to Government
P.W.D.

Sir,

I have the honor to forward the accompanying Estimate amounting to Rupees [6850] Sicca Thousand eight hundred & fifty for restoring the Bridge of 5 Arches of 30 feet Span each over the Coleyaur on the Road from Trichinopoly to Arcotte and carried away during the floods of November 1858.

2. The foundations of the new will be of brick in Chunam 3 feet deep resting on wells sunk 6 feet.

3. The Piers will be 6 feet thick

Enclosures 5
1 Letter from Dy Engr Trichinopoly No 8898 of 22d Nov 1859
1 Do Circ No 294 of 23d Nov 59
1 Abstt Estimate Rupees 6850
1 Plan
1 Sketch

[illegible] 1860 Chief Engineer D. Pros.

thick and abutments 8 feet / one abutment and wing walls are still in good order / raised to a uniform height of 9 feet with 1/4 of the span as the versed sine of the arch giving a total height of 16½ feet and allowing a clear height of 6 feet above the highest floods, for the passage of Trees or other floating bodies; Section of River at highest flood 1300 superficial feet, waterway provided 1850 superficial feet, width of Roadway between Parapets 18 feet, between wing walls 21 feet.

4.

The Coolyaur itself a Jungle Stream calles a short distance higher up the Coyaur is fed by the Surplus of the Paroomilly and Iyer Channels which drain by the Punjany into the Coolyaur ½ mile above the site of the bridge, and has water in it for 8 or 9 months in the year.. This line is the only means of Communication in that part of the district and passes through the richly cultivated Talooks of Lankgoor.. I have

the

5.

the honor therefore to solicit the early sanction of Government for the Estimate amounting to Rupees 6850/ Six thousand eight hundred and fifty to be defrayed from the funds allotted for repairs in the District for the Current Official year..

Central Office Public Works
Sepák'kam
4th Jany 1860

I have the honor to be
Sir,
Your most Obedt Servant

Lieut Colo
Engr Chief Engr Southern Circle

Lieut Colo
Chief Engineer

To
The Secretary to Government
Public Works Department

Chief Engineer's Diary

Public [roads] [New Work]

Abstract of Estimate № of 185 /5

Road №

District Trichinopoly

Work. Reconstructing a Bridge across the Coolyar River on the Road from Trichinopoly to Arcalore

| Quantities | Description of Work | Rate Rs | as | P. | Amount Rupees | Amount for each part Rupees |
|---|---|---|---|---|---|---|
| C. Yds. | | | | | | |
| | 118 Sinking Wells & filling with brick Jelly & Sand—C | 7 | 8 | " | 1110 | |
| 23186 | C.ft Brick work in Chunam—C.ft | " | 1 | 6 | 2202 | |
| 8190 | D° Arch work—D°—D° | " | 2 | 3 | 1152 | |
| 10672 | Sq.re ft. Plastering with 1 Coat of Chunam—Sq.re | 1 | 8 | " | 160 | |
| 324 | Cubic Rough Stone work—C.ft | 1 | " | " | 324 | |
| 432 | C.ft Cut Stone in Chunam—C.ft | " | 4 | " | 108 | |
| 83 | C.ft Metalling—C.ft | " | 6 | " | 31 | |
| | Filling approaches | " | " | " | 200 | |
| | 3 Centerings | " | " | " | 450 | |
| | Erecting Dam & Baling water with Pecottah | " | " | " | 500 | |
| | Extra Establishment and Sundries | " | " | " | 613 | |
| | | | | Total Rupees | | 6850 |

Central Office of P.W.
Secrt's Room
4 Jany 1860

J.W. Nell Lieut.-Colonel
Chief Engineer D. of P.W.

Rs. 6850 Abstract Estimate
Rs. of Cost 29th January 1860
Sanctioned
Rupees 6850

Rupees 6850

Sanctioned
Rupees 6850

Rupees 6850

Executive Engineer's Estimate
for Re-Construction of
Bridge across the Coolyar
River on the Road from
Trichinopoly to Arcalore

No. 1860. Dated 29th January 1860

Apl 1860

Sq. Jany 1860

Enclosure

In a letter

From

The Chief Engineer
D. P. W.

To

The Secretary to Govt
D. P. W.

Dated 4th Jany/60
Received 11th Jany/60
24/60
No. 8776.

Abstract Estimate for Reconstructing a Bridge across the Coolycar River on the Road from Trichinopoly to Areatore in the District of Trichinopoly

Amounting to Rs. 6,850-0-0

Public Works Dept.

No. 140

Proceedings of the Madras Government
Under date 19th January 1860

Read the following
letter from the Chief Engineer

Submitting for sanction
Estimate of Rs. 6,850 for reconstructing a Bridge across the Coliaur River on the road from Trichinopoly to Areatore in the District of Trichinopoly.— (Here entered 11th Jany/60 No. 8776)

The Government sanction the Estimate for reconstructing the Bridge of four arches across the Coliaur river in the District of Trichinopoly and grant authority for the amount Rupees 6,850 being defrayed from the funds allotted for repairs in the District for the current Official Year.—

10 Copies
To the Chief Engineer Dated 20th
with 4 Enclosures

&c

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

No 140.

Pro: of the Madras Govt.
Dy 19th January 60.
From the Chief Engr. & Dy 24th
March 60 Ctt. 140 in Pro: 2d
April 60 - R. 645
- Issued D. & Dy 4th June 61 Ctt.
from S. D. 12 Jany 61 No. 1646

Sanctioning the Estimate of Rupees 6,850 for re-constructing a bridge across the Culiaur river in Trichinopoly, from the funds allotted for repairs in the District for the Current Official year.

No. 105 & 106.

c.g. Jany 1913