

(1) Number of pages 28

(2) Date of repair 17 2 1911

(3) Initials of the Referencer

MADRAS RECORD OFFICE.

Government of Madras.

Public works DEPARTMENT.

G.O. No. 3726	Press ~~Mis.~~
611-12	
Dated 30. 11	18/18 .

Not to be folded or roughly handled

(1)

*Proceedings of the Madras Government, Public Works Department,
30th November 1868.*

No. 611. Read the following letter from the Superintending Engineer, 6th Division, to the Secretary to Government, Public Works Department, dated Tanjore, 6th November 1868, No. 825 :—

- | | |
|--|---|
| 1 Survey.
3 Plans.
1 Memorandum.
1 Abstract Estimate.
1 Original Estimate. | 1. With reference to G. O., No. 1,678, dated 27th May, I have the honor to forward an estimate of Rupees 74,300 for the construction of a wrought iron plate girder bridge of five spans of fifty |
|--|---|

feet each over the Iyaur near the Upper Anicut.

2. The estimate has been prepared in communication with the late Superintendent of the Workshops at Madras, whose original estimate is enclosed, the alterations in red having been made by me for reasons given in the accompanying memorandum.

3. As you were consulted relative to the substitution of a plate for a lattice girder, and approved of the adoption of the former, it appears to be unnecessary to say anything on the subject here.

4. The reduction of the water-way from 300 to 250 feet was also discussed and approved by you; the latter, with the girders placed, as proposed, twenty feet and nine inches above the bed of the Iyaur, will admit of the passage of nearly double the theoretical discharge required of it on extraordinary occasions.

Paragraph 10 of No. 1,176, of 7th Jan. 1867.
G. O., 255, of 27th January 1867.

5. As there is no Mechanical Engineer in the Division connected with the Department Public Works, it will be necessary to supply all scientific labor from Madras; this will be far cheaper and more satisfactory than obtaining the services of mechanics from the Railway, even if they are capable of sparing the services of their mechanics for the erection of the girders.

6. The girders are to be sent down in three pieces, and carts will have to be sent from Madras to convey them across the sandy bed of the Augunda Cauvery. All mechanical appliances for unloading the trucks, lifting, &c., will also have to be supplied from Madras, and I would wish, if possible, to obtain the services of Mr. Thompson, who would be able to arrange and bring down every thing likely to be required. If funds are provided at once, bricks for the wells and the abutments may be prepared in January, and the abutments be ready to receive the girders by the middle of April.

No. 612.

ORDER THEREON, 30th November 1868, No. 3,726.

CIVIL WORKS, No. 93.

1. The Government sanction the estimate of Rupees 74,300 for the construction of an iron girder bridge across the Iyaur river in the Trichinopoly District, and, pending a specific assignment of funds later in the year, they authorise the collection of materials and the construction of the abutments to be proceeded with.

(2)

Proceedings of the Madras Government, Public Works Department,
30th November 1868.

2. The Officer in charge of the Public Works Stores and Workshops will be requested to arrange for putting in hand the manufacture of the iron work, the charge being met in the manner indicated in paragraph 6 of Proceedings No. 1,678, dated 27th May 1868.

(True Extract.)

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

To the Super-intending Engineer, 6th Division.

.. Controller of Public Works Accounts.

.. Accountant General.

.. Officer in charge of Public Works Stores and Workshops.

Exd. S. T. Augustin.

G.W. 1868

PUBLIC WORKS

THE SUPERINTENDING ENGINEER

G. S. D. 1868

to, to, to

Dated November, 5th.

Encl.

G. O., November 5th 1868, No. 3,726.

NOV 11 1868
1868-11-11

Bridge.—Estimate of Rs 74,300 for an iron girder bridge across the Tysar river in the Trichinopoly District, sanctioned; and the Officer in charge of the Public Works Stores and Workshops requested to arrange for putting in hand the manufacture of the iron work required for the bridge.

Superintending Engineer Office 6th
Bangalore 6 November 1868

N. 825

From

Captain R. F. Oakes R.E.
Superintending Engineer
6th Division

To
Colonel C. A. Orr R.E.,
Secretary to Government,
Public Works Department

Sir

Enclosures 7

- 1 Survey
- 3 Plans
- 1 Memo
- 1 Abstract Estimate
- 1 Original Estimate

With reference to G. O. No. 1678 dated 27th May I have the honor to forward an Estimate of Rs 74,300 for the construction of a wrought Iron Plate Girder Bridge of 5 spans of 50' each over the Tysar near the Upper Anicut.

The Estimate has been prepared in communication with the late Superintendent of the Workshops at Madras whose original Estimate is enclosed, the alterations in red having been made by me for reasons given in the accompanying Memo.

As you were consulted relative to the substitution of a plate for a lattice girder and approved of the adoption of the former it appears to be unnecessary to say anything on the subject here.

The

The reduction of the waterway from 300 to 200 feet was also discussed and approved by you the latter, with the Girders placed as proposed & about the bed of the stream will admit of the passage of nearly double the theoretical discharge required for extraordinary occasions.

As there is no Mechanical Engineer in the District connected with the D.P.W. it will be necessary to supply all scientific labor from Madras: this will be far cheaper and more satisfactory than obtaining the services of Mechanics from the Railway, even if they are capable of performing the services of their Mechanics for the erection of the girders.

The Girders are to be sent down in 3 pieces and Carts will have to be sent from Madras to convey them across the sandy bed of the Angunda Caving. All mechanical appliances for unloading the trucks, lifting &c. will also have to be supplied from Madras & I would wish if possible to obtain the services of Mr. Tomlinson who would be able to arrange and bring down everything likely to be required. If funds are provided at once Bricks for the Wells and the abutments may be prepared in January and the abutments be ready to receive the Girders by

Public Works Dept
No 3726
Proceedings of the Madras Government
Under date the 1st of April -
by the middle of April -

I have the honor to be
Sir
Your Obedient Servant
1881

Gates Captain R.E.
Supt. Engineer B. Division

of funds labor in the year. They authorize the collection of materials & the construction of the abutments to be proceeded with.

The Officer in charge of the Public Works should be requested to be requested

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 Daniel Boone Springs, N. H. is
 towards Belmore Co.
 No 74, 300, with 1000
 to for an above
 Gutter Bridge across
 the stream -
 Aug 23-30: Dec 21

Dec 26. 1868.
Dec 10

of the dead
South
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to be supplied from Masses & I would wish if possible
to obtain the services of Mr. Tomlinson who would
be able to arrange and bring down everything likely to
be required. If funds are provided at once.
Bricks for the Wells and the abutments
may be prepared in January and the
abutments be ready to receive the Girders
by

Public Works Dept
No 3726
Proceedings of the Madras Government
Under date the 30. November 1868
Had the following
From the Supt. Engineer
of the C. P. S. (Here enter No 825 of 6th Nov.
1868)

The Government sanctioned the estimate of Rs 74,300 for the construction of an iron girder bridge across the Syaur river in the Trichinopoly District, and finding a specific assignment of funds later in the year, they authorized the collection of materials & the construction of the abutments to be proceeded with.

The Officers in charge
of the Public Works, above &
hereinafter with the requested



The duty being to send
the Contable.
to see that
the officers are charged,
C. H. B. & Co. have been
sent to the office.

Que 4361

Court. of 1868 Madras.

PUBLIC WORKS.

To The Superintending Engineer,
S. Division

&c., &c., &c.

Dated 11.

Recd.

Recd.

G. O. 30th Nov 1868. No 3726

Nos. 611-612

Bridge. Estimate of Rs 74,300 for an
iron girder bridge across the Syam river
in the Trichinopoly Dist., sanctioned; and
the Offr in charge of the Mills & Works
depts requested to arrange for putting
in hand the manufacture of the iron
works required for the bridge.

For Per Order 83; 21. 3. 71
949-31