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N^o 187 Wd/Jan: 23rd 1886
P.O.

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Copy given to
Office - 5-7-52-

S. E. K. Circle Desd 23-1-86
S. E. V. Circle
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P. W. C. 466
Govt. of 1886 Madras.
POLITICAL.



Issued
Recd. 20. January/86 Encl.

G.O., &c., 9th Jan. 1886, Nos. 31, 32.

N^o 187 Wd/Jan: 23rd /86
JANUARY.

Chunambar Bridge.

Inviting attention to, and consideration of, the Chief Engineer's remarks on the professional details of the plan and estimate for reconstructing the — and requesting to be apprized of the decision finally come to in the matter.

2 Copies to copy
With order
With order

9TH JANUARY 1886, Nos. 31, 32, POLITICAL.

GOVERNMENT OF MADRAS.

POLITICAL DEPARTMENT.

READ—the following papers:—

From His Excellency Mons. RICHAUD, Governor of the French Settlements in India, dated Pondicherry, 4th December 1885, No. 52.

In continuation of my letter of the 6th November last, I have the honor to forward to your Excellency plan and estimate connected with the construction of the Chunambar bridge, as also copy of a report from our Colonial Engineer.

2. I request your Excellency to be so good as to inform me if the above documents meet with the approval of the British Government.

3. The works will be commenced in the month of August next and completed in 1887.

From His Excellency Mons. RICHAUD, Governor of the French Settlements in India, dated Pondicherry, 4th January 1886, No. 1.

With my letter, dated 4th ultimo, No. 52, I had the honor to forward to your Excellency, for examination and consideration, plan and estimate with reference to the scheme for the reconstruction of the Chunambar bridge, as also copy of a report from our Colonial Engineer which accompanied the above documents.

2. According to the rules of our Government, that scheme was submitted to the General Council during its present sessions in view that that body might order the execution of the work on account of the colony. I shall be much obliged if you will be so good as to expedite the examination of the papers and return them to me as early as possible, with any remarks made thereon by your Government.

No. 9.

Forwarded to the Department of Public Works, in continuation of endorsement No. 527, dated 16th December 1885, for the favor of very early return of the plan and estimate, with any remarks that the Chief Engineer may think proper to make thereon.

MADRAS,
7th January 1886.

(Signed) W. WILSON,
Acting Chief Secretary.

Note by the Chief Engineer, Public Works department.

This estimate provides for reconstructing the Chunambar bridge on the road from Cuddalore to Pondicherry.

2. The undersigned is of opinion that the design is defective in that the springing line of the arches is placed at 3'60" below, and the intrados of arches not 3' above, the known maximum flood level. The obstruction caused will greatly increase the velocity of flood discharges, and the consequent scour may endanger the bridge. It is thought that the piers should be raised four feet, so as to be above maximum flood level.

3. A cross section of the river at site, showing flood level, banks, &c., should have been given, and information should have been afforded regarding velocity of discharge, nature of bed, &c.

4. Except as regards the water-way allowed, the design may be accepted.

(Signed) J. SHAW-STEWART, Col., R.E.,
Chief Engineer, P.W.D.

No. 84-C.

Transferred to the Financial (Local Fund) department and the referred papers returned.

MADRAS, (Signed) J. SHAW-STEWART, Col., R.E.,
7th January 1886. Secretary to Govt., P.W.D.

ORDER—dated 9th January 1886, No. 31, Political.

Ordered that the following letter be addressed.

(True Extract.)

W. WILSON,
Acting Chief Secretary.

LETTER—to His Excellency Mons. RICHAUD, Governor of the French Settlements in India, dated Fort St. George, 9th January 1886, No. 32, Political.

I have the honor to acknowledge the receipt of your Excellency's letters quoted in the margin, on the subject of the plan and estimate of the Chunambar bridge, the reconstruction of which is to be undertaken at the joint expense of the French

Dated 4th December 1885, No. 52.

„ 4th January 1886, No. 1.

and British Governments, and would invite attention to, and consideration of, the accompanying remarks of our Chief Engineer on the professional details of the project, the plan and estimate of which are herewith enclosed.

2. I shall be glad to be apprized of the decision finally come to in the matter.

Be pleased to accept the assurance of the high consideration with which,

I have the honor to be,
Your Excellency's most obedient servant,
M. E. GRANT DUFF.

Copy to the Department of Public Works and the Financial department (Local Fund).

By Cardeur
for Under Secy. to Govt.

Exd. P. L. Pereira.