31

Government of Madras.

1894.

P. W DEPARTMENT.

CURRENT No. 7384

From

The Local & Municipal
dept.

ENCLOS. 2

No. 900

Dated 1.10.94

Received 2.10.94

SUBJECT.

Proposed bridge over the Cauvery at Kumbakonam: Transferring letter from the chairman Municipal Council, Kumbakonam requesting to issue orders for the preparation of plans and Estimates for the ——.

No 729 W dt/ 14-3-94
588 C dt/ 9-2-94
512 W dt/ 27-2-93

OKS. 397

29—2,000—6-2-94.

DISPOSAL.

No. 2503/ dated 10th October 1894.

12

Communicated to the Supt. Engr. with a request for early submission of the required plan & Estimate.

C&H Bs
5/10 94

DESPATCHED
12 OCT. 94

INDEXED.

T.C.C 12/10

Supt. Engr.
Supt. Engr.
Local Dept

Local and Municipal Department.

CHIEF SECRETARIAT. MADRAS.

12

PROCEEDINGS OF THE MADRAS GOVERNMENT.

READ the following paper :—

From the Chairman, Municipal Council, Kumbakonam.

dated 16th October 1893 No. 331.

I have the honor to submit for the approval and sanction of Government resolution of the Municipal council dated 30th September last and the plans and estimates of the bridge proposed to be constructed over the Kaveri.

2 plans + 2 tracings sent separately in a tube.

In G.O. No. 706 Pw Mis. 13-4-92. Government were pleased to express their general approval of my proposal for the construction of the bridge in question, and the Superintending Engineer was directed in G.O. No. 295 Pw Dis. 4-3-93. to prepare a plan and estimate for the same. Those have been accordingly prepared by the D.P.W, have received the approval of this Municipal Council, and are now submitted to Government.

In the present state of the Municipal f[illegible] it will be possible, I believe, to allot fro[illegible]

13

revenues
for next three years a sum of Rs. 6000 per annum towards the construction of the proposed bridge, so that with a contribution of about Rs. 9000, either from Provincial funds, or from the Local Board of this District, it will bee possible to meet the cost of the bridge without borrowing. When it is remembered that this municipality has for a long series of years paid a liberal contribution to the District Board, and that the recent enhancement of municipal toll rates has very substantially raised that Contribution, it is but fair that the District Board should be called onto bear a share of the cost of the bridge, which, by promoting the trade facilities of this town, will more than repay, in coming years, the Contribution now asked for. I beg to urge also, in behalf of the Council, that works like bridges over large rivers are beyond the Ordinary revenues of Municipalities and need Provincial help.

Enclosure.

Proceedings of the meeting of the Municipal Council

Council, Kumbakonam held on the 30th September 1893.

14

Present

* * * * *.

2. Read letter from the superintending Engineer V circle forwarding plan and estimate for Rs. 28,500 for the construction of an iron girder bridge over the Cauvery river at Kumbakonam.

Resolved that the plan and estimate for the proposed bridge over the cauvery be approved and submitted to Government for sanction, the question of Municipal allotments for the same being considered at the next budget and Government being requested to sanction a contribution of a third grant towards the cost of construction of the bridge, either from Provincial funds or the Local Funds of the district.

Order 23d November 1893 No. 1605 Misc.

Approved and transferred to the Public Works department.

(True Extract)

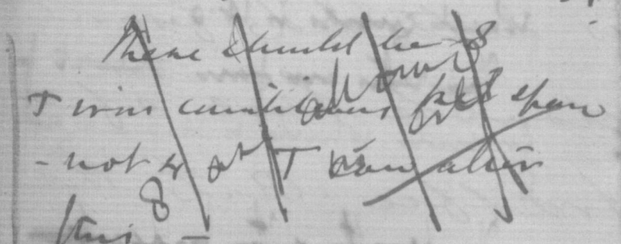
A. Wingate
Asst. Secretary.

To
The Public Works deptt. (with plans & estimates)
& subscribed

17

A clear width of Roadway of only 14' is hardly sufficient. Two carts can pass but it does not leave much clearance — and as there is much traffic over the river, I think that 16' or even 18' as Mr. Hughes proposed would have been better.

The Municipality have however accepted 14' width and for that reason the design is strong enough.



The Estimate may be approved and returned to the Municipal Dept. as soon as the work should be carried on.

Dept.

Wells
26/1/94

T Hw 30-1-94
Recd 30/1/94

Public Works Department.

Current No. 10,087

Letter No. 1605 Mn

Dated 23rd November 1893

From the Local & Municipal Dept.

NOTE BY TECHNICAL SECTION.

Name of work Constructing a bridge over the Cauvery at Kumbakonam in the Tanjore District.

Amount of Estimate Rs 28,500

With reference to G.O. No. 512 W dated 29th Feby. 1893, the Exec. Engr. V Circle submits an estimate amounting to Rs 28,500 for constructing an iron girder bridge over the Cauvery river at Kumbakonam in the Tanjore Dist.

In the report accompanying the estimate it is stated that Mr. Hughes who had inspected the localities & who has had some acquaintance with the Cauvery suggested that the length of the proposed bridge should be 240 feet between abutments & according framed the estimate for 6 spans of 40 feet each, but after inspection of the local-
ity

P. W. CURRENT No. 10087

Govt. of {1893} Madras.

Local and Municipal Department.

15

To

The Public Works Department.

Rec: 10:8 (1 Plans)
Recd: 28.11.93

Proceedings, dated 23 November 1893,
No. 1605 M. dis

Subject.

Bridge

Approving and transferring to the P.W.D. plans and estimates for the Construction of a _____ over the Laveri.

which is attached

realistn & the existing bridge, 1/4 mile lower down the river where the length provided is only 184 ft. of opening with a waterway of 1,700 Sqft. The Committee has recommended the substitute to 5 spans of 40 feet with a waterway of 2,000 sqft. between the floor & H.F.L. thus giving a greater waterway than the existing bridge.

The bridge is designed to be of 5 spans of 40 feet. The piers are to be 4 feet thick and the abutments 5 feet thick at bottom & 3 feet at top with a batter towards the bank & raised to a uniform height of 13 feet above floor level. The piers & abutments are to be built of stock bricks in cement resting on a foundation bed of 6 feet. The lower 4 feet of the foundation to be laid with concrete & the upper 2 feet built of stock bricks in mortar.

It is mentioned in the report that the Committee proposed ~~to~~ 30 ft. spans on the Type design which are needlessly heavy & expensive but the Committee has now proposed a 40 ft. span with a platform of live braced angle iron lattice girders 3'6" high & 44 feet long placed 15 1/4 ft. apart from centre to centre with rolled steel joists 6" x 3" above supporting longitudinal planking 2½" thick & diagonal boarding 1½" thick. This description of platform the Committee has adopted in the Godavari which bridges in the Godavari which have answered well.

The width of roadway between wheel guards is 14'0.

The rates are fair except for concrete which is 14.8... against Rs 12.8...

The length of the bridge is 260 feet & the cost per foot run will be Rs 110.

The estimate has not been countersigned by the Chairman, Municipal Council it has however been approved in Proceedings dated 30th Sept 1893 held at Kumbakonam with the remark that Govt be requested to contribute 1/3 the cost either from Provincial or Local Funds of the District.

15.1.94

Note by the Chief Engineer P. W. D. dy :—

This bridge is designed with a clear width of roadway of only 14'. This width is not, in the opinion of the Chief Engineer, sufficient for two carts to pass with safety. 16' is the least that should be allowed, if the bridge is intended for a double line of traffic. But the Chief Engineer agrees with Mr Hughes that 18' would be better.

If, however, it is considered sufficient to allow for a single

No. 588 Cdy 9-Febry-94

[25]
2,000—2-2-94.

4

Local and Municipal Department.

CHIEF SECRETARIAT
MADRAS.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Read again G.O. 23-11-93 No. 1605 Mun. (abo

READ the following ~~paper~~ :—

×588 Cdy 9-2-94

Endorsement from the Public Works Deptt, dy 9th Feby 1894 No. 588 C, retransferring for further disposal papers on the subject of the construction of a bridge over the Cauvery at Kumbakonam Tanjore Distt.

Order. 16th March 1894, No. 290 Dr. Mis.

The municipal council will be requested to have the estimate revised with reference to the remarks of the Chief Engineer.

2. The District Board should be consulted as to what portion of the cost of the proposed bridge it will be prepared to bear.

(True Extract)
Lionel Davidson
10/3.
offg. Asst Secretary

To
The Chairman, Munl Council, Kumbakonam, (with plans + estimates)
" President Distt Board, Tanjore
" Public Works Deptt.

INDEXED
12/3

T
B/N

P. W. CURRENT No. 1985

Govt. of 1894 Madras.

Local and Municipal Department.

22

To

The Public Works Department

№ 729 W. dy 14th March 1894.

Recorded.

Recd: 12.3.94

Proceedings, dated 10th March 1894,
No. 290 M. Jnls

Subject.

Bridge

Requesting the Kumbakonam Munl: Council to have the estimate for the Construction of a ——— over the Cauvery at Kumbakonam, raised, with refce to the remarks of the Chief Engineer and stating that the Tanjore Dt Bd should be Consulted as to what portion of the Cost of the bridge it will bear.

with order

INDEXED
16/3

Superintending Engineer's Office
V Circle. Trichy.
Chetpet. 26th June 1894.

№ 208 dtto.

From

J. L. Lawrence Esquire
Superintending Engineer V Circle.

To

The Chairman, Municipal Council
Kumbakonam.

Sir

With reference to G. O. No. 290 Mu. (Jnls).
dated 10th March 1894 Communicated
with your letter No. 533 dated 12th March
1894, I have the honor to forward herewith
an abstract Estimate amounting to
Rs 20,620 for Constructing an iron girder
bridge with a 7 feet roadway over the
Cauvery river at Kumbakonam. The Inspection
-ion design will generally be the same as
that originally sent with the heads the ex-
ceed to suit the narrower roadway. The
design for the girders is one prepared some
years ago for reaction the Cadavery, several
of them have been erected and have proved

Irwash Satisfactory, Nothing more economical Could be designed.

I have in available designs for guide's for an 18 foot roadway, for Lace Stone at present to work one out.

The original plans and Estimates for a 14 foot roadway are returned.

I have the honor to be

Sir

your Most obed. Servant

(S) J. C. Lawrence

Supd. Engineer Circle

(True Copy)

P. Subarayan

Chairman

Proceedings of the Meeting of the Municipal Council Kumbakonam held on the 28th July 1874.

Present

Hon. Rao Bahadur S. Seshayya Avergal B. A. Chairman

" K. Ranganada Raoje Avergal B. A.

" A. C. Narayanasamy Aier "

" V. Doraisamy Pillai "

" J. S. Ganapathy Aier "

" J. S. Sivasamy Odayar "

" Konetty Venkatachalapathy Chettiar "

" J. V. Balthasaramy Chettiar "

" J. Vyapuri Mudaliar "

" Ev. C. Amirthalinga Chettiar "

x x x

2. Read letter from the Superintending Engineer regarding the proposed bridge over the Cauvery at Kumbakonam.

Resolved that the proposed bridge over the Cauvery in the masters Work-shop Tho' cannot be allowed a width of 16 feet

of

of roadways, and that Government be-
20
authorised on the subject, with the re-
quest that the D. P. W. may be instructed
to prepare plans and Estimates for the
same as early as practicable.

(S) S. Sabaratnam
Chairman

(True Extract)

S. Sabaratnam
Chairman

Ref
3554/94

27

KUMBAKONAM MUNICIPALITY.

Enclosure No. II to letter

From

THE CHAIRMAN

MUNICIPAL COUNCIL

KUMBAKONAM.

To

THE CHIEF SECRETARY TO GOVERNMENT

Local and Municipal Department

Through the Sub-Collector and the

Collector of Tanjore.

Dated 11th September 1894.
Despatched
Received

No. 285.

SUBJECT.

Requesting the issue of orders to Mr. A.R.B. for the preparation of plans and Estimates for the proposed new Kaveri at Kumbakonam.

Current No. 793/ML of 1894.

No. 285.

MUNICIPAL COUNCILORS' OFFICE

KUMBAKONAM 11th September 1894.

Local & Municipal Dept
CURRENT No. 1136/M

From

Rao Bahadur S. Seshayyar Rao Bahadur

CHAIRMAN, MUNICIPAL COUNCIL

KUMBAKONAM.

28

To

The Chief Secretary to Government

Local & Municipal Department

Thro' the Sub Collector and the

Collector of Tanjore.

Sir

Reporting to G.O. dated 16th March 1894 No. 290 Ml (misc). and the Communication received on the Subject from the Superintending Engineer Vellore, Copy of which is herewith Submitted, I have the honor to solicit the favorable Consideration of Government to the accompanying resolution of the Municipal Council. The necessity for the construction of the proposed bridge was duly set upon in my letter to Government dated 29th January 1892 No. 634: and my recommendation received

Dgo 706 M 13-4-92

The

P. M. CURRENT No. 7384 of 1894.

793

290 subject to 254 Rs

From

THE CHAIRMAN
MUNICIPAL COUNCIL
KUMBAKONAM.

15 SEP. 94

To TANJORE

The Chief Secy to Govt
Local and Mul Dept
Thro' the Sub Collector
and the Collector of
Tanjore

Dated 14th
Despatched } September 1894
Received 21 SEP 94

Enclosures. Nos

No. 285.

SUBJECT.

Requesting the issue of orders
to the D. P. Work for the prepar-
ation of plans and estimates
for the proposed bridge over
the Kaveri at Kumbakonam

Current No. 425 ENG. of 1894.

Forwarded to
the Collector of
Tanjore
Mount Stanley
Cy sub Coll.
15/9/94

Ltr on cur. No 793/2nt

Forwarded

for
20/9/94

Tanjore Collector's office

No. 900

Transferred to the Public Works Depart.
ment.

27/9/94

Asst Secretary

15/9/94
Forwarded
15 Sept 1894

To the Public Works Department.

31

Government of Madras.

1894.

P. W DEPARTMENT.

CURRENT No. 7384

DISPOSAL.

No. 2503 dated 10th October 1894.

From

The Local & Municipal
Depty

ENCLOS. 2

No. 900
Dated 1.10.94
Received 2.10.94

SUBJECT.

Proposed bridge over the Cauvery at Kumbakonam: Transferring letter from the Chairman Municipal Council, Kumbakonam requesting to issue orders for the preparation of plans and Estimates for the ——.

Communicated to the Supt Engr for early submission of the required plan & Estimate.

CH 8/5
5/10/94

DESPATCHED
12 OCT. 94

INDEXED.

T.C.C 12/10

by L.E. Hands
S.E. Cauvery
Local Deptt

No 1279 W dt 11-3-94
588 C dt 9-2-94
512 W dt 27-2-93

Ord 397

29—2,000—6-2-94.

12/10