

Local & Munl. (1896) Department.

MISCELLANEOUS.

G.O., No. 440 M

DATED 17th March 1896

[Despatch Abstract.]

Loan.

Requesting the Accountant General to place a sum of Rs 13800 at the disposal of the Municipal Council of Vaniyambadi by re-appropriation from the ---- provided for the Tirupati water-supply scheme and to recoup the amount from the --- of Rs 13800 which will probably have to be paid to the Vaniyambadi Municipality, and directing the Chairman, Municipal Council, Vaniyambadi, to draw this amount and the grant of Rs 10,000 without delay.

INDEXED.

Miscellaneous.

LOCAL AND MUNICIPAL DEPT.

G.O., DATE

17-3-96.

No.

440 M

When given for copying.

[Despatch Abstract.]

Loan

Requesting the acett. of
to place a sum of Rs. 13,800 at the
disposal of the Muni. Council
of Vaniyambeadi by reappro-
priation from the loan
provided for the Timpaki
water supply scheme and
to recoup the amount from
the loan of Rs. 13,800 which
will probably have to be
paid to the Vaniyambeadi
Munty. + directing the Ch. M.C.
Vaniyambeadi to draw this amount
+ the grant of Rs. 10,000 without
delay.

✓

Loan for the suspension bridge in the
Vaniyambeadi municipality

3931 1000 1000 1000 1000

N.
C.
misc.

The amount of Rs. 13,800 at the disposal of the Muni. Council of Vaniyambeadi by reappropriation from the loan provided for the Timpaki water supply scheme and to recoup the amount from the loan of Rs. 13,800 which will probably have to be paid to the Vaniyambeadi Munty. + directing the Ch. M.C. Vaniyambeadi to draw this amount + the grant of Rs. 10,000 without delay.

Papers to be read in Proceedings:—

Again G.O., dated 14308 M. 2, 189, No. 214, February 1896.

Current No. of 189, dated

from the

Current No. of 189, dated

from the

Order. No. 440 M. 211 2, 17.3.96

The Accountant General will be requested to place, as soon as possible, a sum of Rs 13,800 at the disposal of the Municipal Council of Vaniyambadi, by re-appropriation from the loan of Rs 40,000 provided in the current year's Budget Estimate of Provincial loans and advances for the Tirupathi water-supply scheme, and to receive the amount from the loan of Rs 13,800 which will probably have to be paid to the Vaniyambadi Municipality shortly.

2. The Chairman, Municipal Council, Vaniyambadi should draw this amount and the grant of Rs 10,000 promised in G.O. No. 308 M. 2, dated 214, February 1896, without delay.

No. 308 M., 21st FEBRUARY 1896.

GOVERNMENT OF MADRAS.

LOCAL AND MUNICIPAL DEPARTMENT.

READ—again the following paper:—

G.O., Mis. No. 900 M., dated 29th May 1895.

Read—the following letter from J. T. GILLESPIE, Esq., C.S., Chairman, Municipal Council, Vaniyambadi, to the Chief Secretary to Government (through the Collector of Salem), dated 25th March 1895, Ref. on No. 23-Eng.:—

With reference to G.O., Mis. No. 26 M., dated 9th January 1895, and in continuation of my letter, Reference on No. 1023-Eng., dated 12th December last, I have the honour to state that in spite of many reminders to Jainulabdin Sahib, a municipal councillor, who promised to collect subscriptions from the people towards the construction of a bridge over the Palár river, he did not give me any reply till the 14th February last, on which date he wrote to me stating that, as many of the rich residents were away, he could not send his final report. From the conversation I held with him at the last four or five meetings, I learn that the levy of professional tax in the coming year, as already sanctioned, will have a tendency to check private liberality. Being of opinion that further delay in the matter would only be a waste of time, I brought the subject before the council at its meeting held on the 11th instant. The council concur with my opinion that the levy of professional tax will check private liberality and is of opinion that the only course open to them is to raise a loan from Government for the purpose of building the Palár bridge. Even if any subscriptions should come in, they will not, in all probability, amount to more than about four thousands of rupees, and this of course falls far short of the estimated cost of construction, viz., Rs. 24,000. It is unnecessary for me to explain again that it is beyond the means of the council to spend such a large sum as Rs. 24,000 for a bridge.

2. I therefore request that the Government will be pleased to comply with the request of the council in the matter of raising a loan. The council will be prepared to pay Rs. 1,200 every year (beginning from 1896-97), including the interest, and I beg to point out, as desired by the council, that, unless this is done, it is impossible to do anything in the matter for some years to come.

3. A copy of the council's resolution on the subject accompanies.

Endorsement, No. 148-Sub.

Forwarded.

2. The matter of providing a bridge is one of urgency having regard to the safety of the town. If the municipality will raise a loan for the purpose, I think it would be advisable to help them as far as possible.

3rd April 1895.

(Signed) G. STOKES,
Collector.

To The Accountant General
Financial Department,
Chairman, M.C. Vaniyambadi
16/3/96
17.3.96
17/3/96

Order—Mis. No. 900 M., dated 29th May 1895.

The papers will be forwarded to the Public Works Department with the request that detailed plans and estimates for the proposed suspension bridge may be prepared.

2. It is observed that the Superintending Engineer's letter, No. 495 M., dated 12th December 1894, speaks of a bridge with a roadway of only ten feet. The Public Works Department will be requested to consider whether this is not too narrow for a bridge 200 feet long, as carts could hardly pass one another in that width, and whether the roadway should not measure at least twelve feet.

(True Extract.)

(Signed) J. F. PRICE,
Chief Secretary.

To the Chairman, Municipal Council, Vániyambádi (through the Collector of Salem).
„ Public Works Department.

READ—also the following paper:—

From J. HANNAN, Esq., Superintending Engineer, IV Circle, to the Chief Engineer, Public Works Department, dated Coimbatore, 18th November 1895, No. 445-W.

With reference to G.O., No. 1455 W., dated 15th June 1895, and your last reminder, No. 3359-C., dated 8th instant, I have the honour to submit the plans and estimate amounting to Rs. 23,800 for constructing a suspension bridge across the Pálár river at Vániyambádi in the Salem district.

ENCLOSURE.

REPORT to accompany the estimate for constructing a suspension bridge across the Pálár river at Vániyambádi in the Salem district.

The plan and estimate were called for in G.O., No. 1455 W., dated 15th June 1895.

The plan and estimate now submitted are for a 200-feet span suspension bridge similar in every respect to the Kullar bridge.

The width of the roadway is the same, viz., ten feet. The cost of providing a greater width would, it was found, be incommensurate with the advantage. Like the Kullar bridge, owing to insufficient headway this bridge cannot be stayed to prevent undulation. It could be made stiffer by giving a smaller dip to the cables, but on going into the matter it was found that the extra cost would be incommensurate with the advantage gained. The Pálár river divides itself into two branches about $2\frac{1}{4}$ miles above the site of the proposed bridge. The right branch again bifurcates about $\frac{1}{4}$ mile above the site of bridge as shown in the accompanying sketch. It is over the right branch of the latter bifurcation, known as the Govindapuram river, that proposed bridge is to be built. The area drained by the river above its first bifurcation is 1,320 square miles and the discharge from this area as given by the formula $D = 450 M^{\frac{1}{2}}$ will be in round figures 54,000 feet per second. It will be well on the safe side if the branch to be bridged is assumed to take $\frac{1}{3}$ rd of this or 18,000 feet per second. The discharge of this branch as calculated from two sections, one taken at site of bridge and the other at 2,200 feet above it with reference to the maximum flood level as well as it can be now ascertained is 15,000 feet per second arrived at as follows:—

$$\text{Mean area of sections} = (130 + 12 \times 3) \times 12 = 1,992 \text{ square feet.}$$

$$\text{H. R. M.} = R. = \frac{1.992}{2.5} = 9.67.$$

$$\text{Surface fall} = S = \frac{1.5}{2.5} = .0006818.$$

$$V = 90.8 \sqrt{9.67 \times .0006818} = 7.36.$$

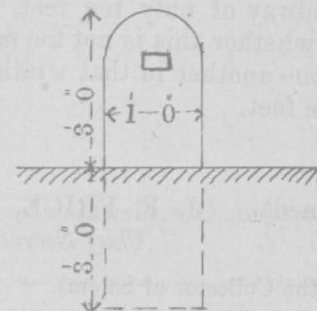
$$D = 7.36 \times 1992 = 14,661 \text{ or, say, } 15,000.$$

With a head at the bridge of two inches the discharge will be 19,800 feet per second. The bridge towers will be founded on surki concrete six feet thick resting on clay six feet below the deep bed of river.

The superstructure will be of table moulded brick in surki mortar. The masonry work will be carried out in accordance with the standard specification.

The roadembankment from the towers to the anchoring chamber will be protected with rail fences consisting of old iron rails fixed in stone uprights.

(Signed) J. HANNAN,
Superintending Engineer, IV Circle.



No. 166-C.

Forwarded to the Local and Municipal Department with reference to G.O., Mis. No. 900 M., dated 29th May 1895, and in continuation of this office No. 2529-C., dated 16th August 1895.

(Signed) D. Mc. NEIL CAMPBELL, Lieut.-Col., R.E.,
10th January 1896. Joint Secretary to Government, P.W.D.

ORDER—No. 308 M., dated 21st February 1896.

The plan and estimate for Rs. 23,800, forwarded by the Public Works Department, are sanctioned. A grant of Rs. 10,000 from Provincial funds will be made to the municipal council, and the balance of Rs. 13,800 will be advanced as a loan at $4\frac{1}{4}$ per cent. interest repayable in thirty years.

2. The council should draw the amount of the grant at once, and, as it is advisable that the loan should also be advanced in the current year, an application in the prescribed form will be published at once in the *Fort St. George Gazette*, so as to allow the council, in the absence of any objections, to draw the amount before 31st March 1896.

3. The Chairman will be requested to report, at a very early date, whether any of the promised subscriptions referred to in his letter, No. 23, dated 25th March 1895, are forthcoming, as a contribution of $24\frac{1}{2}$ per cent. will have to be paid to the Public Works Department for the execution and supervision of the work in addition to the amount of the estimate now sanctioned.

4. The Public Works Department will be requested to state whether it can execute the work at an early date, and whether the total amount of $24\frac{1}{2}$ per cent. will be required as contribution for supervision and tools and plant.

(True Extract.)

J. F. PRICE,
Chief Secretary.

To the Chairman, Municipal Council, Vániyambádi.
„ Collector of Salem.
„ Accountant-General.
„ Financial Department.
„ Public Works Department.
Gazette.

APPENDIX.

APPLICATION of the Vaniyambadi Municipal Council for a Loan from Government under section 5 of the Local Authorities Loans Act, 1879.

The work or works for the construction or repair of which the loan is required and an estimate of the cost thereof.	The amount which it is proposed to borrow.	The fund or funds on the security of which it is proposed to borrow.	The law or laws under which the said fund or funds is or are levied, received or held.	The period for which the loan is required, the number and amount of the instalments, if any, in which it is proposed that the loan shall be taken, the dates proposed for receiving such instalments, and the instalments, if any, in which it is proposed to repay the loan.	A detailed account of the revenue and expenditure of local authority for the three last preceding years.	Existing prior charges upon the funds of the local authority.
Construction of a suspension bridge over the Palár. Rs. 23,800.	Rs. 13,800	Vaniyambadi Municipal fund.	The District Municipalities Act IV of 1884 (Madras).	(1) The loan is required for a period of thirty years. (2) It is proposed to be taken in one instalment in March 1896, and repaid with interest at $\frac{4}{2}$ per cent. in thirty equal instalments of Rs. 822.	Attached herewith.	None.

DETAILED account of the Revenue and Expenditure of the Vaniyambadi Municipality for the years 1892-93, 1893-94 and 1894-95.

Receipts.	1892-93.	1893-94.	1894-95.
RS.	RS.	RS.	RS.
Balance brought forward ..	1,889	1,312	3,328
Tax on Buildings and Lands ..	5,143	7,963	8,457
" on Vehicles and Animals ..	195	235	286
" on Carts ..	382	388	497
Tolls ..	1,888	2,268	3,364
Rent of Lands, Buildings, &c., and Sale-proceeds of Lands, &c.	243	342	143
Conservancy Receipts ..	12	23	17
Fees and Revenue from Educational Institutions ..	141	123	162
" " from Medical Institutions ..	..	..	2
Income from Markets and Slaughter-houses ..	847	968	1,035
License Fees ..	191	293	225
Other Fees ..	14	8	7
Fines under Municipal and other Acts ..	301	653	1,135
Grants and Contributions from Government ..	104	31	4
" " from Local Boards ..	714	718	379
Recoveries for Services to private Individuals ..	18	126	343
Miscellaneous ..	8	39	21
Advances Recovered ..	..	26	10
Total ..	12,090	15,516	19,405

Detailed account of the Revenue and Expenditure, &c.—cont.

Charges.	1892-93.	1894-95.	1893-94.
RS.	RS.	RS.	RS.
Grant I—	31	..	39
New Works—	464	582	2,040
Communications ..	30	..	10
Buildings ..	..	..	..
Water-supply ..	..	..	..
Miscellaneous Public Improvements ..	957	1,309	1,473
Repairs—	249	38	15
Communications ..	344	350	400
Buildings ..	199	284	288
Water-supply ..	3	27	16
Establishment ..	..	..	..
Tools and Plant and other Stores ..	..	..	..
Total ..	2,277	2,590	4,281

Grant II—	90	..	..
Training Schools ..	923	1,147	1,150
Municipal Schools—	418	420	383
On the Salary-result System ..	83	132	140
Salary Grants ..	111	137	125
Result Grants ..	61	11	6
Inspection ..	..	..	..
Miscellaneous ..	..	..	..
Total ..	1,686	1,847	1,804

Grant III—	1,435	1,435	1,519
Hospitals and Dispensaries ..	66	60	125
Contributions ..	244	232	208
Vaccination ..	109	105	168
Registration of Births and Deaths ..	2,780	3,143	3,488
Conservancy, Road-cleaning and Road-watering ..	..	..	..
Total ..	4,634	4,975	5,508

Grant IV—	593	510	598
Lighting ..	480	929	1,145
Public Garden, Survey of Land, Fire and other charges ..	..	..	..
Total ..	1,073	1,439	1,743

Grant V—	1,082	1,337	2,193
Supervision and Management ..	26	..	23
Advances Recoverable ..	1,312	3,328	3,853
Balance ..	..	..	..
Total ..	12,090	15,516	19,405