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Local & Munl. (1899) Department.

MISCELLANEOUS.

G.O., No. 1652 dt

DATED 10 - 11 - 99

Press

Please print Nos 50 with 250 copies of G.O. & 20 copies of note

Desn

[illegible]

[Despatch Abstract.]

Water Supply

Stating that the Govt does not consider that the Munl Comtee of Vizianagram can undertake the scheme for the supply of the town unless the Vizianagram estate contributes a moiety of the cost of that the Question of undertaking the work must be postponed until the Maharajah comes of age and is ready to give such assistance as may be needed for financing the scheme

BACK PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.

FURTHER PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.

Government of Madras.

LOCAL AND MUNICIPAL DEPARTMENT.

MISCELLANEOUS.

Read. } 1899. *Enclosures*

Regd. } *Spare copies*

G.O., No. 1652 M., 10th November 1899.

N. P.

Water-supply.

Stating that the Government does not consider that the Municipal Council of Vizianagram can undertake the scheme for the — of the town unless the Vizianagram estate contributes a moiety of the cost and that the question of undertaking the work must be postponed until the Maharaja comes of age and is ready to give such assistance as may be needed for financing the scheme.

GOVERNMENT OF MADRAS.

LOCAL AND MUNICIPAL DEPARTMENT.

Read—the following papers :—

I

G.O., No. 2170 M., dated 16th December 1898.

II

Proceedings of the Sanitary Board, No. 79/S., dated 1st March 1899.

Read—the following paper :—

Note by the President, Sanitary Board.

In Proceedings of the Sanitary Board, No. 556/S., dated 23rd September 1898, an estimate amounting to Rs. 2,82,000 for the Vizianagram water-supply project, prepared by the Acting Sanitary Engineer, Mr. Russel, was submitted to Government for orders. The rates in the estimate were, Mr. Russel informs me, based on the Public Works Department schedule of the Vizagapatam division. This schedule has since been found by the Chief Engineer to be "manifestly inaccurate*." The rates are understood to be too low. It is impossible to say how much the rates will have to be increased until the schedule of rates has been revised by the local officers, but the information will be obtained as soon as practicable.

* *Vide* G.O., No. 2310 W., dated 6th September 1898.

2. I, therefore, recommend that Government be apprised of this in the Local and Municipal Department, so that if the estimate be finally sanctioned in that department the sanction may be accorded subject to further scrutiny of the rates.

A. W. Smart, Col., R.E.,
Ag. President, Sanitary Board.

Resolution—No. 79/S., dated 1st March 1899.

The note of the President read above will be submitted to Government with reference to G.O., Mis. No. 2170 M., dated 16th December 1898.

(True Extract.)

R. Parsons,
Secretary, Sanitary Board.

To the Secretary to Government, Local and Municipal Department,
with a copy of G.O., No. 2310 W., dated 6th September 1898.

III

Letter—from M.R.Ry. V. Venkatraya Sastri Garu, Chairman, Municipal Council, Vizianagram.
To—the Secretary to Government, Local and Municipal Department (through the Revenue Divisional officer).
Dated—the 25th August 1899.
No.—513-C.

With reference to G.O., Mis. No. 2170 M., dated 16th December last, forwarding, for the Council's remarks, the plans and estimates and the Proceedings of the Sanitary Board in connection with the water-supply scheme to the town of Vizianagram, and requesting the Municipal Council to ascertain and report whether the contribution promised by the late Maharaja will now be realised, I have the honour to forward herewith copy of the Proceedings of the Municipal Council held on the 12th instant and the letter of the Collector and Guardian of the Vizianagram Samasthanam, dated 26th June 1899, No. 271, for the information and approval of the Government.

2. With reference to paragraph 1 of the order under reply, I beg to submit that the Council entirely agrees with the views of the Sanitary Board in selecting the Ootagedda scheme in preference to others for reasons stated by the Board in paragraph 3 of its proceedings, dated 23rd September 1898, No. 556/S.

3. The infiltration trench, which is estimated to cost Rs. 10,500, is proposed to be dug in order to test the nature of the yield. The Council considers that this is the vital point of the whole scheme and trusts it will prove that there will be a sufficient supply of water in all seasons of the year, regard being had to the previous experience obtained by a daily record kept of the depth of water flowing over the weir board fixed on the upper anicut of Ootagedda successively for three months in the driest season of 1898 which produced satisfactory results.

4. The average quantity required for the consumption of the towns-people taken at 15 gallons per head is estimated to be 6,00,000 gallons a day on a population of 40,000 souls. The daily average flow of the water thus gauged being (2″ × 24″) over the board, the yield may be estimated at 1,846,000 gallons a day which is above the required quantity.

5. The chemical analysis also shows that the water of the flowing river as well as that of wells dug in its bed is pure and fit for drinking purposes.

6. The annual cost of pumping is, in the opinion of the Council, rather overestimated taking into consideration the local rates of wages paid to persons employed on similar works and the price of fuel in the place. On an information obtained of the actual charges incurred by the Dindigul Municipality (population 20,000) for the maintenance of a pumping station where the cost did not exceed Rs. 1,836 or Rs. 1,900 a year, it cannot be estimated that it would cost here more than double that amount, viz., Rs. 3,800 or Rs. 4,000 in round numbers actually.

7. The question of settling the compensation need not engage the Government till the scheme is found to actually stand the test of the supply into the infiltration gallery proposed to be dug. The ground selected for the trench is not an arable land, but one of gravel and small stones the acquisition of which will not, in my opinion, be difficult if at all an acquisition is necessary.

8. With reference to paragraph 2 of the order, I beg to inform you that the Council considers the project to be the best in every way and the cheapest that it could think of, and hopes that the scheme will prove a success and relieve the public of the distress they have so long felt in the matter of a good supply of pure drinking water. In obedience to the Government Order and in accordance with the wishes of the Council, I negotiated with the Samasthanam authorities who have agreed to fulfil the promise so generously made by the late lamented Maharaja subject to the conditions laid down by the Collector and Guardian in his letter No. 271, dated 26th June last.

9. The Council most thankfully accepts the offer of Government to contribute half the cost of the scheme and feels equally thankful to Her Highness the Maharani Sahiba for the liberal offer now made, supported by the good advice of the Collector and Guardian, and requests that the Government will be pleased to approve the resolution of the Council in borrowing one and a half lakhs of rupees from the Samastanam

authorities under the conditions laid in the Collector and Guardian's letter above quoted, to be supplemented to a similar amount which the Government is pleased to make a grant of, towards the cost of the scheme.

10. In the event of Government sanctioning the loan which the Municipality proposes, the Council shall have to levy a water-rate at 8 per cent. on all buildings and lands within the Municipality other than those belonging to the Samastanam, in order to enable it to meet the cost of maintaining the works. The marginally-noted figures will give detailed information as to how the money thus raised will be spent. The amount which the Government may be pleased to advance will be liquidated with interest at 4 per cent. in 20 years by the Samasthanam on condition that its buildings are exempted from paying water-tax.

	Rs.
Average actual collections under tax on buildings and lands at 7½ per cent.	9,968
Estimated revenue collectable as water-rate at 8 per cent.	10,633
Deduct water-rate on Samasthaman buildings at 8 per cent.	3,200
Amount of water-rate available for expenses ..	7,433
Amount to be met from other sources ..	1,567
Amount required for the maintenance of pumping station annually	9,000

11. In conclusion, the Council most earnestly requests that the Government be pleased to sanction the proposals made for carrying out the scheme, viz.—

(1) to make a grant of half the cost of the water scheme;

(2) to permit the Council to raise a loan from Provincial funds, the liquidation of which is guaranteed by the Samasthanam as shown in the letter No. 271 of 26th June 1899 of the Collector and Guardian;

(3) to sanction the levy of water-tax on buildings and lands within the Municipality and to allow the Council to exempt the tax on Samasthanam buildings;

(4) to advance the sum of Rs. 10,500 required for the excavation of the trench for the infiltration gallery;

(5) to order the acquisition of the land required for the gallery, if necessary.

12. The Municipal Council wishes to take up the work at once and would like to see that the work is actually commenced during the next winter, a favourable season for earthworks. Meanwhile the necessary preliminaries may be adopted.

13. The delay in replying to the above proceedings was due to the fact that Her Highness the Maharani Sahiba was absent from the place, and nothing could be settled until Her Highness' return to Vizianagram. I therefore most earnestly beg that the Government will be pleased to pass early orders on the subject so that the work may be taken up before long.

The plans, estimates and other papers connected with the subject are herewith returned as directed.

Enclosures.

Letter—from H. F. W. Gillman, Esq., I.C.S., Collector and Guardian, Vizianagram.
To—the Chairman, Municipal Council, Vizianagram.
Dated—the 26th June 1899.
No.—271-A/Rev.

In reply to your letter No. 314 of 23rd March 1899, I have the honour to state that subject to the condition that all the estate buildings in this Municipality will permanently be exempted from payment of water-taxes, I am prepared to recommend to Government that the estate should pay interest on half the cost of the water-supply scheme to this town, not exceeding one and half lakhs of rupees, for such a term of years as the Government may be pleased to fix for the liquidation of the principal and interest of such loan, by annual payments made by the Samasthanam to the Municipality.

In such an arrangement, the Municipality will borrow the amount from Government and the estate will guarantee liquidation of this amount on the terms above named.

2. I may add that Her Highness the Maharani of Vizianagram has been pleased to approve of this arrangement, which is in conformity with the wishes of her late lamented son.

3. You will, of course, understand that the offer now made is subject to the sanction of Government. I shall be glad if you will lay the matter before the Municipal Council and forward me its resolution. If the offer is found acceptable, I shall address Government and obtain its orders in regard to the proposal.

Extract from the Proceedings of the Municipal Council, Vizianagram, dated 12th August 1899.

* * * * *

Read Proceedings of the Madras Government, dated 16th December 1898, Mis. No. 2170 M.

Read letter from the Collector and Guardian of the Vizianagram Samasthanam, dated the 26th June last, No. 271-A, stating that he is prepared to recommend to Government that the estate should pay interest on half the cost of water-supply scheme to the town, not exceeding one and half lakhs of rupees, for such term of years as the Government may be pleased to fix for the liquidation of the principal and interest, subject to the condition that all the estate buildings in the Municipality will permanently be exempted from payment of water-taxes and requesting the Council to forward its resolution on the subject.

Resolution No. 1.—The Council unanimously resolves to gratefully accept the liberal offer of the Collector and Guardian of the Vizianagram Samasthanam to liquidate the loan of half the cost of the water scheme not exceeding a lakh and a half rupees subject to the conditions specified in his letter. The Council thinks that with this offer as well as the equally liberal offer of the Government to contribute a moiety of the estimated cost and advance the balance from Provincial funds it will be in a position to undertake the scheme and proposes to levy, with the sanction of Government, a water-tax at 8 per cent. on the estimated annual rent value of buildings other than those belonging to the Samasthanam, so as to meet the pumping and other charges to as much an extent as possible. Resolved further that the Council do place on record its deep sense of obligation and gratitude to the Government and Her Highness the Maharani of Vizianagram for their liberal offers.

* * * * *

Endt. on S.C. No. 1176, *dated* 29*th August* 1899.

Forwarded through the Collector, Vizagapatam.

If the offer of the Vizianagram Samasthanam is accepted, there should be no difficulty in financing the scheme.

W. W. Phillips,
Ag. Principal Assistant Collector.

Endt. on C. No. 2511, *dated* 31*st August* 1899.

Forwarded.

W. O. Horne,
Collector.

Order—No. 1652 M., dated 10th November 1899.

The Government does not consider that the Municipal Council of Vizianagram can undertake the scheme for the water-supply of the town recommended by the Sanitary Board, unless the Vizianagram estate contributes a moiety of the initial cost. The Government does not think it advisable that the Council should accept the contribution promised by the Maharani on the terms stated in the correspondence, and therefore the question of undertaking the work must be postponed until the Maharaja comes of age and is ready to give such assistance as may be needed for financing the scheme.

(True Extract.)

M. Hammick,
Ag. Secretary to Government.

To the Chairman, Municipal Council, Vizianagram.
" Collector of Vizagapatam.
" Sanitary Board.
" " Commissioner.
" " Engineer.

LOCAL AND MUNICIPAL DEPARTMENT.

NOTES CONNECTED WITH G.O., No. 1652 M., DATED 10TH NOVEMBER 1899.

[SUBJECT.—*Vizianagram water-supply scheme.*]

From the Sanitary Board, dated 1st March 1899, *No.* 79-*S.*

From the Collector of Vizagapatam, dated 31st August 1899, *C. No.* 2511.

In G.O., No. 2170 M., dated 16th December 1898, the plans and estimates of a scheme for the water-supply of Vizianagram, prepared by the Sanitary, Engineer, were forwarded to the Municipal Council for remarks. The Council was also requested to ascertain and report whether the contribution of Rs. 1,50,000 promised by the late Maharaja of Vizianagram would be realized, and if this was not possible, to state how it proposed to finance the scheme on the understanding that the Government would contribute a moiety of the estimated cost and advance the balance at 4 per cent. interest repayable in twenty years.

2. With the first of the letters read above, the Chairman forwards a copy of a communication addressed to him by the Collector and Guardian of the Vizianagram Samasthanam, in which that officer states that he is prepared to recommend to Government that the estate should pay interest on half the cost of the water-supply scheme, not exceeding Rs. 1,50,000, for such term of years as the Government may be pleased to fix for the liquidation of the principal and interest of such loan, by annual payments made to the Municipality, subject to the condition that all the estate buildings in the town are permanently exempted from payment of the water-tax. The Council, in its resolution No. 1, dated 12th August 1899, has accepted the offer of the Collector and Guardian of the Samasthanam and states that with this help and the offer of Government to contribute a moiety of the initial cost and advance the balance from Provincial funds, it will be in a position to undertake the scheme and it proposes to levy, with the sanction of Government, a water and drainage tax of 8 per cent. on the annual value of buildings other than those belonging to the Samasthanam so as to meet the annual maintenance charges. The Chairman also reports that the Council approves of the scheme recommended by the Sanitary Board as being the best and the cheapest.

3. The cost of the scheme, as originally estimated by the Sanitary Engineer, was Rs. 2,82,000. In its resolution No. 556-S., dated 23rd September 1898, the Sanitary Board pointed out that the estimate did not provide for compensation for the lands required for the construction of the infiltration gallery and the service reservoir and for those situated above and below the infiltration gallery, which would be rendered unfit for cultivation by the construction of the water-works and it accordingly recommended that the estimate should be raised to Rs. 2,92,550. The Sanitary Board also suggested that the infiltration gallery should be first excavated at a cost of Rs. 10,500 and the yield tested during the dry months of the year and that, if the results were satisfactory, the estimate for the whole scheme could then be revised. The Municipal Council, while considering that the construction of the infiltration gallery is the important point in the whole scheme, expresses the hope that the experiment will prove the sufficiency of the supply having regard to the previous experience obtained by a daily record kept of the depth of water flowing over the weir board fixed on the upper anicut of the Oottaigedda successively for three months in the driest season of 1898, which produced satisfactory results. The Council further states that the annual cost of pumping is over-estimated,

In G.O., No. 2170 M., dated 16th December 1898.

considering the local rates of wages paid to persons employed on similar works and the price of full in the place, and may well be reduced to, say, Rs. 4.000, that the question of settling the compensation for the lands referred to need not be considered by Government until the scheme is found to stand the test of the supply into the infiltration gallery proposed to be dug and that the ground selected for digging the trench is not an arable land but one of gravel and small stones, the acquisition of which will not be difficult should its acquisition be at all necessary.

4. For the purpose of financing the scheme, the estimated initial cost may be taken as Rs. 2,92,550 or say, roughly, 3 lakhs, as the acquisition of the sites of the infiltration gallery and the service reservoir will sooner or later be necessary, and compensation must be paid for the damage done to cultivation in the lands adjoining the infiltration gallery. The Sanitary Board also says that the estimate needs revision. As regards the annual working charges of the scheme, the Sanitary Engineer's estimate, viz. Rs. 9,000, may be accepted, as the difference in the local rates of wages and in the price of fuel at Vizianagram is not likely to affect it to the extent represented by the Municipal Council. Now the Government has undertaken to contribute from Provincial funds a moiety of the estimated initial cost and to lend the balance at 4 per cent. interest repayable in twenty years. The Collector and Guardian of the Vizianagram Samasthanam is willing to recommend to Government that the estate should guarantee the liquidation of this loan by paying to the Municipality every year interest on half the cost of the scheme not exceeding 1½ lakhs for such a term of years as the Government may fix for the liquidation of the loan, but he points out that any guarantee given by him with the approval of Her Highness the Maharani will not enure beyond the period of management. He however states that he is sure that the obligation is one that will not be repudiated by the future owner, that the risk may therefore be disregarded and that as the estate cannot afford to pay up half the cost of the scheme during the period of management, he is unable to propose any other arrangement. Under section 75 (2) of the District Municipalities Act, as amended, the Government can by notification exempt the buildings belonging to the Vizianagram estate from payment of the water-tax. It is however for consideration whether it will be advisable for the Municipal Council to launch on the water-supply scheme on the strengh of the promise made by the Collector and Guardian; for it is doubtful whether such a promise, even if a formal agreement were executed by him, would be binding on the future owner of the estate. It has also to be noted that the Municipal Council will be unable to undertake the scheme without the help from the Vizianagram estate above referred to. The annual payment on account of the loan of 1½ lakhs to be advanced by Government repayable in twenty years with interest at 4 per cent. is Rs. 11,040, which together with the annual working charges of Rs. 9,000, amounts to Rs. 20,040 in the aggregate, while the only additional revenue which can be raised by the Municipal Council is Rs. 13,302 (Rupees 1,478, * by raising the rate of the tax on buildings and lands from 7½ to 8½ per cent. of their annual value, and Rs. 11,824 † by imposing a water-tax of 8 per cent. on *all* buildings and lands in the town). If however the offer of a contibution from Vizianagram estate on the conditions specified is accepted, the Council will have no difficulty whatever in undertaking the scheme.

Vide paragraph 2 of G.O., No. 2170 M., dated 16th December 1898.

For a precedent, please see G.O., No. 1410 M., dated 13th August 1898.

	Rs.	
* Net demand under the tax on buildings and lands in 1898–99 at 7½ per cent	11,086	
Net demand under the tax on buildings and lands in 1898–99 at 8½ per cent.	12,564	
Increase		1,478
† Water tax at 8 per cent.		11,824
Total ..		13,302

V. Raghava Charlu—27-10-99.

The scheme is impossible unless the Vizianagaram estate contributes interest and sinking fund for half the cost and the Government contribute the other half. The question then is whether it is advisable to trust to the promise of the Maharani on behalf of the estate to pay the sum every year. It is a large sum that will have to

be paid—over Rs. 11,000 per annum—and looking to the risk which will be run, it certainly does not seem advisable that Provincial funds should advance 1½ lakhs on no better security than a promise. The boy growing up if he turns out badly might throw over the contract at any time.

The Advocate-General might perhaps be able to suggest some way by which the estate can be bound, if not, unless Mr. Gillman can find the money in one or two instalments, it is submitted that the scheme should be dropped for the present and renewed when the boy comes of age.

M. Hammick—30-10-99.

The scheme cannot be undertaken on the terms proposed. It must be dropped until the Maharaja is of age and ready to give such assistance as may be needed for the finances.

A. T. A[rundel]—1-11-99.

[G.O., No. 1652 M., dated 10th November 1899.]

No. 1652 M., 10TH NOVEMBER 1899.
GOVERNMENT OF MADRAS.
LOCAL AND MUNICIPAL DEPARTMENT.

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2. I, therefore, recommend that Government be apprised of this in the Local and Municipal Department, so that if the estimate be finally sanctioned in that department the sanction may be accorded subject to further scrutiny of the rates.

A. W. SMART, Col., R.E.,
Ag. President, Sanitary Board.

Resolution—No. 79/S., dated 1st March 1899.

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(True Extract.)

R. PARSONS,
Secretary, Sanitary Board.

To the Secretary to Government, Local and Municipal Department,
with a copy of G.O., No. 2310 W., dated 6th September 1898.

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Letter—from M.R.Ry. V. VENKATRAYA SASTRI Garu, Chairman, Municipal Council, Vizianagaram.

To—the Secretary to Government, Local and Municipal Department (through the Revenue Divisional officer).

Dated—the 25th August 1899.

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5. The chemical analysis also shows that the water of the flowing river as well as that of wells dug in its bed is pure and fit for drinking purposes.

6. The annual cost of pumping is, in the opinion of the Council, rather over-estimated taking into consideration the local rates of wages paid to persons employed on similar works and the price of fuel in the place. On an information obtained of the actual charges incurred by the Dindigul Municipality (population 20,000) for the maintenance of a pumping station where the cost did not exceed Rs. 1,836 or Rs. 1,900 a year, it cannot be estimated that it would cost here more than double that amount, viz., Rs. 3,800 or Rs. 4,000 in round numbers actually.

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10. In the event of Government sanctioning the loan which the Municipality proposes, the Council shall have to levy a water-rate at 8 per cent. on all buildings and lands within the Municipality other than those belonging to the Samastanam, in order to enable it to meet the cost of maintaining the works. The marginally-noted figures will give detailed information as to how the money thus raised will be spent. The amount which the Government may be pleased to advance will be liquidated with interest at 4 per cent. in 20 years by the Samastanam on condition that its buildings are exempted from paying water-tax.

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11. In conclusion, the Council most earnestly requests that the Government be pleased to sanction the proposals made for carrying out the scheme, viz.—

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13. The delay in replying to the above proceedings was due to the fact that Her Highness the Maharani Sahiba was absent from the place, and nothing could be settled until Her Highness' return to Vizianagram. I therefore most earnestly beg that the Government will be pleased to pass early orders on the subject so that the work may be taken up before long.

The plans, estimates and other papers connected with the subject are herewith returned as directed.

ENCLOSURES.

Letter—from H. F. W. GILLMAN, Esq., I.C.S., Collector and Guardian, Vizianagrm.
To—the Chairman, Municipal Council, Vizianagram.
Dated—the 26th June 1899.
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In such an arrangement, the Municipality will borrow the amount from Government and the estate will guarantee liquidation of this amount on the terms above named.

2. I may add that Her Highness the Maharani of Vizianagram has been pleased to approve of this arrangement, which is in conformity with the wishes of her late lamented son.

3. You will, of course, understand that the offer now made is subject to the sanction of Government. I shall be glad if you will lay the matter before the Municipal Council and forward me its resolution. If the offer is found acceptable, I shall address Government and obtain its orders in regard to the proposal.

Extract from the Proceedings of the Municipal Council, Vizianagram, dated 12th August 1899.

* * * * * * *

Read Proceedings of the Madras Government, dated 16th December 1898, Mis. No. 2170 M.

Read letter from the Collector and Guardian of the Vizianagram Samasthanam, dated the 26th June last, No. 271-A, stating that he is prepared to recommend to Government that the estate should pay interest on half the cost of water-supply scheme to the town, not exceeding one and half lakhs of rupees, for such term of years as the Government may be pleased to fix for the liquidation of the principal and interest, subject to the condition that all the estate buildings in the Municipality will permanently be exempted from payment of water-taxes and requesting the Council to forward its resolution on the subject.

No. 1652 M., 10TH NOVEMBER 1899.

Resolution No. 1.—The Council unanimously resolves to gratefully accept the liberal offer of the Collector and Guardian of the Vizianagram Samasthanam to liquidate the loan of half the cost of the water scheme not exceeding a lakh and a half rupees subject to the conditions specified in his letter. The Council thinks that with this offer as well as the equally liberal offer of the Government to contribute a moiety of the estimated cost and advance the balance from Provincial funds, it will be in a position to undertake the scheme and proposes to levy, with the sanction of Government, a water-tax at 8 per cent. on the estimated annual rent value of buildings other than those belonging to the Samasthanam, so as to meet the pumping and other charges to as much an extent as possible. Resolved further that the Council do place on record its deep sense of obligation and gratitude to the Government and Her Highness the Maharani of Vizianagram for their liberal offers.

S.C. No. 1176, *dated* 29*th August* 1899.

Forwarded through the Collector, Vizagapatam.

If the offer of the Vizianagram Samasthanam is accepted, there should be no difficulty in financing the scheme.

W. W. PHILLIPS,
Ag. Principal Assistant Collector.

C. No. 2511, *dated* 31*st August* 1899.

Forwarded.

W. O. HORNE,
Collector.

Order—No. 1652 M., dated 10th November 1899.

The Government does not consider that the Municipal Council of Vizianagram can undertake the scheme for the water-supply of the town recommended by the Sanitary Board, unless the Vizianagram estate contributes a moiety of the initial cost. The Government does not think it advisable that the Council should accept the contribution promised by the Maharani on the terms stated in the correspondence, and therefore the question of undertaking the work must be postponed until the Maharaja comes of age and is ready to give such assistance as may be needed for financing the scheme.

(True Extract.)

M. HAMMICK,
Ag. Secretary to Government.

Forwarded to the

(By Order.)

Registrar.

To the Chairman, Municipal Council, Vizianagram.
" Collector of Vizagapatam.
" Sanitary Board.
" " Commissioner.
" " Engineer.

MISCELLANEOUS.

G.O., No. 1652 M., 10th November 1899.

Water-supply.

Stating that the Government does not consider that the Municipal Council of Vizianagram can undertake the scheme for the — of the town unless the Vizianagram estate contributes a moiety of the cost and that the question of undertaking the work must be postponed until the Maharaja comes of age and is ready to give such assistance as may be needed for financing the scheme.

LOCAL AND MUNICIPAL DEPARTMENT.

NOTES CONNECTED WITH G.O., No. 1652 M., DATED 10TH NOVEMBER 1199.

[SUBJECT.—*Vizianagram water-supply scheme.*]

From the Sanitary Board, dated 1st March 1899, *No.* 79 S.
From the Collector of Vizagapatam, dated 31st August 1899, *C. No.* 2511.

In G.O., No. 2170 M., dated 16th December 1898, the plans and estimates of a scheme for the water-supply of Vizianagram, prepared by the Sanitary Engineer were forwarded to the Municipal Council for remarks. The Council was also requested to ascertain and report whether the contribution of Rs. 1,50,000 promised by the late Maharaja of Vizianagram would be realized, and if this was not possible, to state how it proposed to finance the scheme on the understanding that the Government would contribute a moiety of the estimated cost and advance the balance at 4 per cent. interest repayable in twenty years.

2. With the first of the letters read above, the Chairman forwards a copy of a communication addressed to him by the Collector and Guardian of the Vizianagram Samasthanam, in which that officer states that he is prepared to recommend to Government that the estate should pay interest on half the cost of the water-supply scheme, not exceeding Rs. 1,50,000, for such term of years as the Government may be pleased to fix for the liquidation of the principal and interest of such loan, by annual payments made to the Municipality, subject to the condition that all the estate buildings in the town are permanently exempted from payment of the water-tax. The Council, in its resolution No. 1, dated 12th August 1899, has accepted the offer of the Collector and Guardian of the Samasthanam and states that with this help and the offer of Government to contribute a moiety of the initial cost and advance the balance from Provincial funds, it will be in a position to undertake the scheme and it proposes to levy, with the sanction of Government, a water and drainage tax of 8 per cent. on the annual value of buildings other than those belonging to the Samasthanam so as to meet the annual maintenance charges. The Chairman also reports that the Council approves of the scheme recommended by the Sanitary Board as being the best and the cheapest.

3. The cost of the scheme, as originally estimated by the Sanitary Engineer, was Rs. 2,82,000. In its resolution No. 556-S., dated 23rd September 1898, the Sanitary Board pointed out that the estimate did not provide for compensation for the lands required for the construction of the infiltration gallery and the service reservoir and for those situated above and below the infiltration gallery, which would be rendered unfit for cultivation by the construction of the water-works and it accordingly recommended that the estimate should be raised to Rs. 2,92,550. The Sanitary Board also suggested that the infiltration gallery should be first excavated at a cost of Rs. 10,500 and the yield tested during the dry months of the year and that, if the results were satisfactory, the estimate for the whole scheme could then be revised. The Municipal Council, while considering that the construction of the infiltration gallery is the important point in the whole scheme, expresses the hope that the experiment will prove the sufficiency of the supply having regard to the previous experience obtained by a daily record kept of the depth of water flowing over the weir board fixed on the upper anicut of the Oottaigedda successively for three months in the driest season of 1898, which produced satisfactory results. The Council further states that the annual cost of pumping is over-estimated, considering the local rates of wages paid to persons employed on similar works and the price of fuel in the place, and may well be reduced to, say, Rs. 4,000, that the question of settling the compensation for the lands referred to need not be considered by Government until the scheme is found to stand the test of the supply into the infiltration gallery proposed to be dug and that the ground selected for digging the trench is not an arable land but one of gravel and small stones, the acquisition of which will not be difficult should its acquisition be at all necessary.

In G.O., No. 2170 M., dated 16th December 1898.

4. For the purpose of financing the scheme, the estimated initial cost may be taken as Rs. 2,92,550 or say, roughly, 3 lakhs, as the acquisition of the sites of the infiltration gallery and the service reservoir will sooner or later be necessary, and compensation must be paid for the damage done to cultivation in the lands adjoining the infiltration gallery. The Sanitary Board also says that the estimate needs revision.

As regards the annual working charges of the scheme, the Sanitary Engineer's estimate, viz Rs. 9,000, may be accepted, as the difference in the local rates of wages and in the price of fuel at Vizianagram is not likely to affect it to the extent represented by the Municipal Council. Now the Government has undertaken to contribute from Provincial funds a moiety of the estimated initial cost and to lend the balance at 4 per cent. interest repayable in twenty years. The Collector and Guardian of the Vizianagram Samasthanam is willing to recommend to Government that the estate should guarantee the liquidation of this loan by paying to the Municipality every year interest on half the cost of the scheme not exceeding 1½ lakhs for such a term of years as the Government may fix for the liquidation of the loan, but he points out that any guarantee given by him with the approval of Her Highness the Maharani will not enure beyond the period of management. He however states that he is sure that the obligation is one that will not be repudiated by the future owner, that the risk may therefore be disregarded and that as the estate cannot afford to pay up half the cost of the scheme during the period of management, he is unable to propose any other arrangement. Under section 75 (2) of the District Municipalities Act, as amended, the Government can by notification exempt the buildings belonging to the Vizianagram estate from payment of the water-tax. It is however for consideration whether it will be advisable for the Municipal Council to launch on the water-supply scheme on the strength of the promise made by the Collector and Guardian; for it is doubtful whether such a promise, even if a formal agreement were executed by him, would be binding on the future owner of the estate. It has also to be noted that the Municipal Council will be unable to undertake the scheme without the help from the Vizianagram estate above referred to. The annual payment on account of the loan of 1½ lakhs to be advanced by Government repayable in twenty years with interest at 4 per cent. is Rs. 11,040, which together with the annual working charges of Rs. 9,000, amounts to Rs. 20,040 in the aggregate, while the only additional revenue which can be raised by the Municipal Council is Rs. 13,302 (Rupees 1,478, * by raising the rate of the tax on buildings and lands from 7½ to 8½ per cent. of their annual value, and Rs. 11,824 † by imposing a water-tax of 8 per cent. on *all* buildings and lands in the town). If however the offer of a contibution from Vizianagram estate on the conditions specified is accepted, the Council will have no difficulty whatever in undertaking the scheme.

Vide paragraph 2 of G.O., No. 2170 M., dated 16th December 1898.

For a precedent, please see G.O., No. 1410 M., dated 12th August 1898.

	Rs.
* Net demand under the tax on buildings and lands in 1898–99 at 7½ per cent	11,086
Net demand under the tax on buildings and lands in 1898–99 at 8½ per cent.	12,564
Increase	1,478
† Water tax at 8 per cent.	11,824
Total ..	13,302

V. RAGHAVA CHARLU—27-10-99.

The scheme is impossible unless the Vizianagaram estate contributes interest and sinking fund for half the cost and the Government contribute the other half. The question then is whether it is advisable to trust to the promise of the Maharani' on behalf of the estate to pay the sum every year. It is a large sum that will have to be paid—over Rs. 11,000 per annum—and looking to the risk which will be run, it certainly does not seem advisable that Provincial funds should advance 1½ lakhs on no better security than a promise. The boy growing up if he turns out badly might throw over the contract at any time.

The Advocate-General might perhaps be able to suggest some way by which the estate can be bound, if not, unless Mr. Gillman can find the money in one or two instalments, it is submitted that the scheme should be dropped for the present and renewed when the boy comes of age.

M. HAMMICK—30-10-99.

The scheme cannot be undertaken on the terms proposed. It must be dropped until the Maharaja is of age and ready to give such assistance as may be needed for the finances.

A. T. A[RUNDEL]—1-11-99.

[G.O., No. 1652, M. dated 10th November 1899.]

Local and Municipal

Public (1899) Department.

CURRENT No. 715 M

To lie over pending receipt of the reply from the Chairman, Municipal Council, Vizianagram, to G.O. No. 217 M. dated 16th December 1899.

1/3
8/3/99

From

The Secretary, Sanitary Board, Madras.

Order

No. 79
S

Dated 1st March 1899.

Received

Registered

Enclosures 1.

Spare copies

SUBJECT.

Vizianagram Water Supply Scheme.

Submits the note of the President, Sanitary Board, recommending that if the estimate for the ____ be finally sanctioned, the sanction may be accorded subject to the further scrutiny of the rates in the estimate

7/3

Local and Municipal

Public (1899) Department.

G.O. No. 1652 M&D 10-11-99.

V.P. 4/3

CURRENT No. 715 M

To lie over pending receipt of the reply from the Chairman, Municipal Council, Vizianagram, to G.O. No. 2170 M. dated 16th December 1899.

1/3/99

1/3 3/3/99

From

The Secretary, Sanitary Board, Madras.

Order

No. 79 S

Dated 1st March 1899.

Received

Registered

Enclosures 1.

Spare copies

SUBJECT.

Vizianagram Water Supply Scheme.

Submits the note of the President, Sanitary Board, recommending that if the estimate for the ____ be finally sanctioned, the sanction may be accorded subject to the further scrutiny of the rates in the estimate.

1/3

BACK PAPERS.

G.O.	No.	Department.	Date.
To	2170	Pub.	16-12-98

FURTHER PAPERS.

G.O.	No.	Department.	Date.

BUILDINGS AND ROADS.
CIVIL WORKS.

Government {1898} of Madras.

PUBLIC WORKS.

Recd. } 1898. *Enclosures*

Regd. *Spare copies*

G.O., No. 2310 W., 6th September 1898.

SEPTEMBER.

School, store-rooms and place of arms at Vizagapatam

Revised estimate of Rs. 25,500 for constructing a —, sanctioned with remarks.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

Read—the following papers :—

From W. C. DeMORGAN, Esq., M.I.C.E., Superintending Engineer, I Circle, to the Chief Engineer, Public Works Department, dated Palkonda, 29th July 1898, No. 385 V.Z.

I have the honour to inform you that in G.O., No. 2985 W., dated 21st October 1896, an estimate amounting to Rs. 23,400 for constructing a police office, school, store-rooms and place of arms at Vizagapatam was sanctioned, and the work is now under execution.

2. It has since been found that some of the rates provided in the original estimate are insufficient which rendered the preparation of a revised estimate necessary.

3. A comparative statement showing the differences between the items of the original and revised estimates is herewith forwarded, and in the remark column of which statement reasons are given for each item of difference. It will be seen from this comparative statement that the net excess requiring sanction is Rs. 2,100.

4. I request, therefore, that you will be good enough to obtain the sanction of Government to the revised estimate as soon as possible.

5. A data sheet accompanies the comparative statement.

6. The revised estimate has not been forwarded to the Inspector-General of Police, as no structural alterations are made (*vide* G.O., No. 1591 W., dated 24th June 1898).

Note by the Chief Engineer, Public Works Department.

The revised estimate is recommended for sanction, with the remark that the original rates were too low, and that the necessity for raising them is the cause of the revised estimate.

2. The schedule of rates in the Vizagapatam district is manifestly inaccurate, and should be revised at once,

(Signed) W. B. deWINTON,
Chief Engineer.

26th August 1898.

Order—No. 2310 W., dated 6th September 1898.

The revised estimate, amounting to Rs. 25,500, for constructing a school, store-rooms and place of arms at Vizagapatam, is sanctioned in supersession of the estimate of Rs. 23,400, sanctioned in G.O., No. 2985 W., dated 21st October 1896.

2. There is an allotment of Rs. 10,000 for the work in the current year's Provincial budget.

3. This sanction has been registered as Provincial No. 60 W. of 1898–99, and classified as Civil Buildings—Original Works.

(True Extract.)

(Signed) W. B. deWINTON,
Secretary to Government.

To the Superintending Engineer, I Circle, with four enclosures.
" Examiner, Public Works Accounts.
" Judicial Department.

Exd. T. K. Narayana Aiyangar.

Government of Madras.

SANITARY BOARD OFFICE.

PROCEEDINGS OF THE SANITARY BOARD, No. 79/S, DATED 1st March 99.

LOCAL & MUNICIPAL DEPT.
CURRENT No. 715 Tm

READ the following:—

Note by the President, Sanitary Board.

In Proceedings of the Sanitary Board, No. 556/S dated 23rd September 1898 an estimate amounting to Rs 2,82,000 for the Vizianagram Water Supply project, prepared by the Actg. Sanitary Engineer, Mr. Russel, was submitted to Government for orders. The rates in the estimate were, Mr. Russel informs me, based on the Public Works Department Schedule of the Vizagapatam Division. This schedule has since been found by the Chief Engineer to be "manifestly inaccurate". The rates are understood to be too low. It is impossible to say how much the rates will have to be increased until the schedule of rates has been revised by the local officers, but the information will be obtained as soon as practicable.

2. I, therefore, recommend that Govern-

ment

* Vide G.O. 2310 W, dated 6th September 1898.

715 Tm 99

ment be apprised of this in the Local and Municipal Department, so that if the estimate be finally sanctioned in that Department, the sanction may be accorded subject to further scrutiny of the rates.

(Signed) A. W. Smart Col. R.E.
Ag. President, Sanitary Board.

Resolution.

The note of the President read above will be submitted to Government with reference to G.O., No. 2170 Mr. Misc., dated 16th December 1898.

(True Extract)

C. Carlson S. 12 MAR. 1899
Secretary, Sanitary Board.

To
The Secretary to Government,
Local and Municipal Department
with a copy of G.O. 2310 M., dated 6th Sept '98.

Municipal Office,
Vizianagaram, 25th August 1899.

80 513 C

From
THE CHAIRMAN, MUNICIPAL COUNCIL,
VIZIANAGARAM.

To
The Secretary to Government
Local & municipal Department, Madras.
through the Revenue Divisional officer

Sir,

With reference to G.O. no 2170 M. Misc dated 16th December last forwarding for the Council's remarks the plans and estimates and the Proceedings of the Sanitary Board in connection with the water supply scheme to the town of Vizianagaram and requesting the municipal Council to ascertain and report whether the contribution promised by the late Maharajah will now be realised, I have the honor to forward herewith copy of the Proceedings of the municipal Council held on the 12th instant and the letter of the Collector and Guardian of the Vizianagaram Samastanam dated 26th June 1899 no 271, for the information and approval of the Government.

2. With reference to para 1 of the order under reply, I beg to submit that the Council entirely agrees with the views of the Sanitary Board in selecting the Botagedda scheme in preference to others for reasons stated by the Board in

in para 3 of its proceedings dated 23rd September 1898 no 5586/S.

3. The infiltration trench, which is estimated to cost Rs 10500, is proposed to be dug in order to test the nature of the yield. The Council considers that this is the vital point of the whole scheme and trusts it will prove that there will be a sufficient supply of water in all seasons of the year, regard being had to the previous experience obtained by a daily record kept of the depth of water flowing over the weir board fixed on the upper anicut of Ootacamund successively for three months in the driest season of 1898 which produced satisfactory results.

4. The average quantity required for the consumption of the towns-people taken at 15 gallons per head is estimated to be 6 00000 gallons a day on a population of 40000 souls. The daily average flow of the water thus gauged being (2"×24") over the board, the yield may be estimated at 1346000 gallons a day which is above the required quantity.

5. The Chemical analysis also shows that the water of the flowing river as well as that of wells dug in its bed is pure and fit for drinking purposes.

6. The annual cost of pumping is, in the opinion of the Council, rather overestimated taking into consideration the local rates of wages paid to persons employed on similar works and the price of fuel in the place. On an information obtained of the actual charges incurred by the Dindigal municipality (population 20000) for the maintenance of a pumping station where the cost did not exceed Rs 1836 or Rs 1900 a year, it cannot be estimated that it would cost here more than double that amount viz Rs 3800 or Rs 4000 in round numbers actually.

7. The question of settling the compensation need not engage the Government till the scheme is found to actually stand the test of the supply into the infiltration gallery proposed to be dug. The ground selected for the trench is not an arable land but one of gravel and small stones the acquisition of which will not in my opinion be difficult if at all an acquisition is necessary.

8. With reference to para 2 of the order, I beg to inform you that the Council considers the project to be the best in every way and the cheapest that it could think of and hopes that the scheme will prove a success and relieve the public of the distress they have so long felt in the matter of a good supply of pure drinking water. In obedience to Government order and in accordance with the wishes of the Council, I

negotiated with the Lamustanum Authorities who have agreed to fulfil the promise so generously made by the late lamented maharajah subject to the conditions laid down by the Collector and Guardian in his letter no 271 dated 26th June last.

9- The Council most thankfully accepts the offer of Government to contribute half the cost of the scheme and feels equally thankful to Her Highness the Maharanee Saheba for the liberal offer now made, supported by the good advice of the Collector and Guardian, and requests that the Government will be pleased to approve the resolution of the Council in borrowing one and a half lacs of rupees from the Lamustanum Authorities under the conditions laid in the Collector and Guardian's letter above quoted, to be supplemented to a similar amount which the Government is pleased to make a grant of towards the cost of the scheme-

10- In the event of Government sanctioning the loan which the municipality proposes, the Council shall have to levy a water rate at 8 per cent on all buildings and Lands within the municipality other than those belonging to the Lamustanum, in order to enable — it to meet the cost of maintaining the works- The marginally noted figures will give detailed information as to how the money thus raised will be spent- The amount which the Government may be

Average actual collection under tax on buildings & Lands at 7½ per cent = Rs 9960
Estimated revenue collectable at water rate at 8 per cent = Rs 10633
Deduct - Water rate on Lamustanum buildings at 8 per cent = 3200
Amount of water rate available for expenses from other sources = 4433
Amount to be met from Municipal funds = 1567
Amount required for the maintenance of pumping station annually = 9000

be pleased to advance will be liquidated with interest at 4 per cent in 20 years by the Lamustanum on condition that its buildings are exempted from paying water tax-

11- In conclusion the Council most earnestly requests that the Government be pleased to sanction the proposals made for carrying out the scheme- Viz

(1) to make a grant of half the cost of the water scheme

(2) to permit the Council to raise a loan from Provincial funds the liquidation of which is guaranteed by the Lamustanum as shown in the letter no 271 of 26th June 99 of the Collector and Guardian-

(3) to sanction the levy of water tax on buildings and Lands within the municipality and to allow the Council to exempt the tax on Lamustanum buildings-

(4) to advance the sum of Rs 10500 required for the excavation of the trench for the infiltration gallery-

(5) to order the acquisition of the land required for the gallery if necessary-

12- The municipal Council wishes to take up the work at once and would like to see that the work is actually commenced during the next winter, a favorable season for earth works- Meanwhile the necessary preliminaries may be adopted-

13- The delay in replying to the above Proceedings was due to the fact that Her Highness the Maharanee Saheba was absent from the place and nothing

could be settled until Her Highness's return to Vizianagaram. I therefore most earnestly beg that the Government will be pleased to pass early orders on the subject so that the work may be taken up before long.

The plans, estimates and other papers connected with the subject are herewith returned as directed.

I have the honour to be

Sir

Your most obedient servant

V. Venkatagaraoth.
Chairman M.C

Rum
26.8.99

6

S.C. no 1176 of 99

Local & Munl. (1899) Department.

S.C. no 1176 of 99
29-8-99

CURRENT No.

Forwarded through the Collector,
Vizagapatam.
If the offer of the Vizianagram Samasthanam is accepted, there should be no difficulty in financing the Scheme

Vizianagram
29th August 1899

H.D. Phillips
Ag. P. A. Collector

From The Chairman M.C
Vizianagaram

Ag Principal Assistant Collector

PRINCIPAL ASSISTANT
28 AUG 1899

COLLECTORATE OF
30 AUG 1899
VIZAGAPATAM

Order

No. 513/C

Dated 25th August 1899

Received

Registered

Enclosures 4 x nets (enclosed 4a)

Spare copies

SUBJECT

Submitting proposals for financing the water supply Scheme of the town of Vizianagaram for the sanction of Govt

25 AUG 1899
COLLECTORATE

Forwarded.
H. Phillips
Collr.
31.8.99

Enclosures (plans by separate post)

1 ref (encl 4 169 w 99)

EHC

BACK PAPERS.

G.O.	No.	Department.	Date.
G.O	2170 & 71	Local & Municipal	18th Decb 1898

FURTHER PAPERS.

G.O.	No.	Department.	Date.

No 371 A
Revd 99.

Govt II to X No 573 C

Sanitary Revenue office
Vizianagaram 26th June 99.

From

H. F. W. Gillman Esqr
Collector and Guardian
Vizianagaram

To

The Chairman, Municipal Council
Vizianagaram

Sir,

In reply to your letter No 314 of 23rd March 99, I have the honor to state that subject to the condition that all the Estate Buildings in this municipality will permanently be exempted from payment of water taxes, I am prepared to recommend to Government that the Estate should pay interest on half the cost of the water supply scheme to this town, not exceeding one and half lacs of rupees, for such a term of years as the Government may be pleased to fix for the liquidation of the principal and interest of such loan, by annual payments made by the Sanitarium to the municipality.

In such an arrangement, the municipality will borrow the amount from Government and the Estate will guarantee liquidation of this Amount on the terms above named-

2- I may add that Her Highness the Maharanee of Vizianagaram has been pleased to

to approve of this arrangement, which is in conformity with the wishes of her late lamented son-

3. You will, of course, understand that the offer now made is subject to the sanction of Government - I shall be glad if you will lay the matter before the municipal Council and forward me its resolution - If the offer is found acceptable, I shall address Government and obtain its orders in regard to the proposal

I have the honor to be
sir,
Your most obedient servant
(Signed) H. F. W. Gillman
Collector & Guardian,
Vizianagaram ~~Samastanam~~

(True Copy)

Municipal office
Vizianagaram
25th August 99

V. Venkatayasastri
Chairman M.C

Seen
25/9/99

2/2386/99

6

Local & Munl. (1899) Department.

CURRENT No. 23867

From

The Collector
Vizagapatam

Order

No. 2511

Dated 31st August 1899

Received 5 SEP 1899

Registered 6th Sept 99

Enclosures 5 (including roll of plans)

Spare copies

Sent to Circle (in Cir. 4 by 6th Sept 99)

SUBJECT.

Forwarding the Vizianagaram Municipal Chairman's letter submitting his proposals for the Financing of the Water Supply project of the Municipality (Vizianagaram)

to approve &c &c

BACK PAPERS.

G.O.	No.	Department.	Date.
Ord	715	Jud/99	Lie over
do	377	do	15-3-99
do	2170	do	16-12-98
"	1570	do	25-8-98
"	314	do	28-2-95
do	1023	Jud	17-6-95

FURTHER PAPERS.

G.O.	No.	Department.	Date.

Exc 16 Dec 513
C

Enclosure

Extract from the Proceedings of the municipal Council, Vizianagaram at its meeting held on the 12th August 1899.

Present -

1- M. R. Ry V. Venkatrayasastri garu B A Chairman. in. C
2 " K. Ramanujacharier Avarghal M.A., B.L, Councillor
3 " K. Venkanna Pantulu garu, Councillor
4 " Diwan Bahadur V. Anantaram Pantulu garu "
5 " K. V. Kristnaram Pantulu garu "
6 " D. Suryaprakasalingum garu "
7 - Perla Sanyasi garu "
8 - P. Sreeramasastri garu "
9 - Mohomed Badshah Sahib garu "
10 " P. Krishnamurti Pantulu garu "

1- Read Proceedings of the Madras Government dated 16th December 1898 no 2170 M. Mis

Read letter from the Collector and Guardian of the Vizianagaram Samasthanam dated the 26th June last no 271 A stating that he is prepared to recommend to Government that the Estate should pay interest on half the Cost of water supply scheme to the town, not exceeding one and half Lacs of rupees for such term of years as the Government may be pleased to fix for the liquidation of the Principal and interest, subject to the conditions that all the Estate buildings in the municipality will permanently be exempted from payment of water taxes and requesting the Council to forward its resolution on the subject -

The Council unanimously resolves to gratefully accept the liberal offer of the Collector & Guardian of the Vizianagaram Samasthanam to liquidate the

loan

loan of half the Cost of the water scheme not exceeding a lac and a half rupees subject to the conditions specified in his letter. The Council thinks that with this offer as well as the equally liberal offer of the Government to Contribute a moiety of the estimated cost and advance the balance from Provincial funds, it will be in a position to undertake the scheme and proposes to levy, with the sanction of Government a water tax at 8 per cent on the estimated annual rent value of buildings other than those belonging to the Zamut anum, so as to meet the pumping and other Charges to as much an extent as possible - Resolved further that the Council do place on record its deep sense of obligation and gratitude to the Government and Her Highness the maharanee of Vizianagaram for their liberal offers -

× × ×

(Signed) V. Venkatrayasastri
Chairman, M. C

(True Extract)

Municipal office
Vizianagaram
25th August 99

V. Venkatrayasastri
Chairman M. C

Recd.
25.8.99

3
23/8/99

S. E. 18 500-27-7-97.

Abstract of Detailed Estimate No. 2, dated 30-3-98, for the construction of Water Works for the town of Vizianagram

Quantity.	Description of work.	Rate. Rs.	A.	P.	Per	Amount. Rs.	A.	P.	Total. Rs.	A.	P.
	Conduit.										
641200	Cft: Excavation (7ft: average depth)	14	-	-	cft: 1000	8974	-	-			
3520	Lft: 9" Stone ware pipes	1	2	-	Lft:	3960	-	-			
1174	Lyds: laying & jointing	"	2	-	Lyd	147	-	-			
	——— do ——— do ———										
2	No: 9" Stone ware ½ bends	1	8	-	each	3	-	-			
140800	Cft: filling with 4" stones gradually reduced to 3/4" at top	3	-	-	cft: 100	4224	-	-			
67320	—do— filling with clean coarse sand	1	-	-	do	673	-	-			
	Petty charges					239	-	-			
						18220	-	-			
	Contd. Page										
772800	Cft: excavation (8ft: average depth)	7	-	-	cft: 1000	5410	-	-			
772800	—do— sectioning shaping & forming embankment	-	6	-	do	290	-	-			
68400	Sft: trimming and dressing slopes	-	2	-	Sqrs:	86	-	-			
9450	Cft: rough stone pavement	6	-	-	cft: 100	567	-	-			
3375	—do— gravel backing behind pavement	1	-	-	do	34	-	-			
112400	Sft: turfing slopes	-	7	-	Sqrs	492	-	-			
	Petty charges					1111	-	-			
						7020	-	-			
					Grand Total of Estimate ..						

* A saving may be made on these items, should the drainage from the slopes be found to be less than anticipated.

OFFICE OF SANITARY ENGINEER TO GOVERNMENT
Fort St. George, 30th March 1898.

A. Russell
a/g: Sanitary Engineer to Government.

S. E. 18 500–27-7-97.

Abstract of Detailed Estimate No. 2, dated 30·3·98, for the construction of Water Works for the town of Vizianagram.

Quantity.	Description of work.	Rate. Rs.	A.	P.	Per	Amount. Rs.	A.	P.	Total. Rs.	A.	P.
	Collecting Chamber										
17516	C/ft: excavation (36 f/t. in depth)	37	"	"	c/ft. 1000	648	"	"			
630	do Concrete in Cement	50	"	"	c/ft. 100	315	"	"			
2916	do Brick ——— do ———	45	"	"	do	1312	"	"			
596	——— do ——— in chunam	12	"	"	do	72	"	"			
2151	S/ft: plastering with Cement 3/4" thick	12	"	"	Sqrs:	258	"	"			
29	C/ft: teak wood wrought & fixed up	3	8	"	C/ft:	102	"	"			
32	S/ft: teak panel batten door with hinges bolts &c complete	1	"	"	S/ft:	32	"	"			
18	S/ft: teak framed venetianed windows with hinges cateches &c complete	1	8	"	do	27	"	"			
64	S/ft: flooring with teak plank 2" thick	4	12	"	do	48	"	"			
301	do roofing with mangalow tiles including teak rafters	28	"	"	Sqrs:	84	"	"			
1	No: Wooden finial	10	"	"	each	10	"	"			
4	No: Iron finials ———	10	"	"	do	40	"	"			
12	L/ft: old iron rails	1	"	"	L/ft	12	"	"			
600	S/ft: painting wood work with two coats of Carons oak paint	3	"	"	Sqrs:	18	"	"			
	Carried over ———					2978	"	"			

Grand Total of Estimate ..

Office of Sanitary Engineer to Government
Fort St. George, 30th March 1898.

A. Russell.
Asst Sanitary Engineer to Government

S. E. 18 500—27-7-97.

Abstract of Detailed Estimate No. 2, dated 30-3-98, for the construction of Water Works for the town of Vizianagrum

Quantity.	Description of work.	Rate. Rs.	A.	P.	Per	Amount. Rs.	A.	P.	Total. Rs.	A.	P.
	Brought forward					2978	—	—			
	Iron ladder including flat form				Sum	100	—	—			
4·4	Cwt: steel girders	10	—	—	Cwt:	44	—	—			
	Petty charges					68	—	—			
						3190	—	—			
	Total for Infiltration Wells								28420	—	—
	Pumping Station										
	Engine & Boiler House										
31027	Cft: excavation for wells	37	—	—	Cft: 1000	1147	—	—			
59984	— do — do — for building	5	—	—	do	300	—	—			
1292	— do — earthwork in filling basement	4	10	—	do Cft:	6	—	—			
3192	— do — Concrete in cement	50	—	—	100	1596	—	—			
3604	— do — in chunam	8	6	—	do	302	—	—			
4780	— do — brickwork table moulded in cement	45	—	—	do	2151	—	—			
9322	— do — do — in chunam	12	—	—	do	1119	—	—			
760	— do — archwork brick in chunam over doors & windows	16	—	—	do	122	—	—			
34	— do — do — in cements	50	—	—	do	17	—	—			
	Carried over					6760	—	—	28430	—	—

Grand Total of Estimate Rs.

Office of Sanitary Engineer to Government
George, 30th March 1898.

A S Russell
Sanitary Engineer to Government.

S. E. 18 600-27-7-97.

Abstract of Detailed Estimate No. 2 dated 30-3-98, for the construction of Water Works for the town of Vizianagrum

Quantity.	Description of work.	Rate. Rs.	A.	P.	Per	Amount. Rs.	A.	P.	Total. Rs.	A.	P.
	Brought forward					6760	-	-	28430	-	-
161	C/ft: cut stone work set in chunam	2	-	-	C/ft.	322	-	-			
1718	S/ft: color plastering with chunam two Coats inside the building	2	12	-	S/ft.	48	-	-			
5268	do plastering with cement ½" thick inside 6 ft: above floor	1	8	-	do	395	-	-			
1747	do pointing with cement ½" thick outside the building	5	-	-	do	87	-	-			
1810	S/ft: flooring with flat granite stone not less than 12 ft: square over a levelling Course of 6" concrete in chunam and neatly pointed with cement	20	-	-	do	362	-	-			
161	S/ft: flooring with teak planks 2" thick	-	12	-	S/ft.	121	-	-			
152	do planking 2" thick the wall to a height of 4 ft: inclusive batten door ter	-	12	-	do	114	-	-			
	Carried over					8209	-	-	28430	-	-

Grand Total of Estimate ..

Office of Sanitary Engineer to Government
Fort St. George, 30th March 1898.

A Russell
a/g: Sanitary Engineer to Government.

S.E. 18 500-5-1-97.

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Abstract of Detailed Estimate No. 2, dated 30-3-98, for the construction of Water Works for the town of Vizianagram

Quantity.	Description of work.	Rate. Rs.	A.	P.	Per	Amount. Rs.	A.	P.	Total. Rs.	A.	P.
	Brought forward					8209	-	-	28430	-	-
350	Cft: teak wood wrought + put up	3	8	-	Cft:	1225	-	-			
3182	Sft: roofing with Mangalore tiles including teak rafters.	28	-	-	Sqrs:	891	-	-			
175	do teak panel venetian doors with hinges brass pin locks bolts & complete	1	8	-	Sft:	263	-	-			
275	do do windows with hinges bolts cutches & complete	1	8	-	do	413	-	-			
320	do glazed fan lights over doors & windows	1	-	-	do	320	-	-			
108	do iron wire webbing for roof ventilators	-	8	-	do	54	-	-			
252	Rft: Ornamental cavis board	-	12	-	Rft:	189	-	-			
137	do Steel painting	-	8	-	do	69	-	-			
3	No: Iron finials	5	-	-	each	15	-	-			
2	do wooden do	10	-	-	do	20	-	-			
3	No: Iron covers to manholes	30	-	-	do	90	-	-			
	Iron work in trusses				Sum	100	-	-			
4963	Sft: painting wood work with two coats of Cocoanut oil paint	3	-	-	Sqrs:	149	-	-			
	Petty charges					213	-	-			
	Carried over					12220	-	-	28430	-	-
	Grand Total of Estimate ..										

Office of Sanitary Engineer to Government,
Fort St. George, 30th March 1898.

A S Kennedy.
Asst Sanitary Engineer to Government.

S. E. 18 600–27-7-97.

40

Abstract of Detailed Estimate No. 2, dated 30-3-98, for the construction of Water Works for the town of Vizianagram

Quantity.	Description of work.	Rate. Rs.	A.	P.	Per	Amount. Rs.	A.	P.	Total. Rs.	A.	P.
	Brought forward					12220	-	-	25430	-	-
	Engine house proper					3000	-	-			
	Boiler & Store Shed					2000	-	-			
	Fencing round the Engine House					600	-	-			
	24 feet Chimney for Boiler					2400	-	-	2900		
	Compound Engine for Water					500	-	-			
	Total for Pumping Station								28320	-	-
	Two Worthington Engines Pumps 1 Bricks each 6 H.P. including motion								28000	-	-
	Service Reservoir										
150089	C/ft. excavation 3 yds. deep + 30 yds. lead	9	4	-	C/ft. 1000	1388	-	-			
150089	do earthwork in filling over the Reservoir & forming embankment	4	10	-	do	694	4	4			
	Carried forward					2082	-	-	77150	-	-
	Grand Total of Estimate ..										

Office of Sanitary Engineer to Government
Fort St. George, 30th March 1898.

A. Russell.
Sanitary Engineer to Government.

S. E. 18 500-27-7-97.

Abstract of Detailed Estimate No. 2, dated 30-3-98, for the construction of Water Works for the town of Vizianagrum

Quantity.	Description of work.	Rate. Rs.	A.	P.	Per	Amount. Rs.	A.	P.	Total. Rs.	A.	P.
	Brought forward					2082	-	-	77150	-	-
6415	C.ft: Concrete in Cement	50	-	-	100	3208	-	-			
25746	— do — in Surki	8	6	-	do	2460	-	-			
34796	do Brick in chunam	12	-	-	do	4176	-	-			
9486	do archwork brick in chunam inclusive centering	20	-	-	do	1897	-	-			
623	do cut stone work set in chunam	2	-	-	C.ft:	1246	-	-			
27229	S.ft: plastering the wall with cement ½" thick	7	8	-	Sqo	2042	-	-			
9492	do do do the floor with cement ¾" thick	12	-	-	do	1139	-	-			
64	No: Copper wire netting Screens with teak frames	12	-	-	each	768	-	-			
422	Cwt: Steel girders	10	-	-	Cwt:	4220	-	-			
4	No: Wrought iron covers to manholes	30	-	-	each	120	-	-			
4	No: Iron ladders 17½ ft: long	20	-	-	do	80	-	-			
	Petty charges.					862	-	-			
	Total for Service Reservoir								24000	-	-
	Carried over								101150	-	-

Grand Total of Estimate ..

Office of Sanitary Engineer to Government
Fort St. George, 30th March 1898.

A. S. Russell M.
Sanitary Engineer to Government.

S. E. 18 500—27-7-97.

Abstract of Detailed Estimate No. 2 / 42 dated 30·3·98 , for the construction of Water Works for the town of Vizianagrum

Quantity.	Description of work.	Rate. Rs.	A.	P.	Per	Amount. Rs.	A.	P.	Total. Rs.	A.	P.
	Brought forward								101150	"	"
1039·10	Tons C. I. pipes from 3" to 14"	105	"	"	Ton	109147	"	"			
216	Lfh: 14" Steel pipes	10	"	"	Lfh:	2160	"	"			
245·75	Each Bends	9	8	"	Each	2335	"	"			
210·99	—do— Branches	9	8	"	do	2004	"	"			
30·46	—do— Tapers	9	8	"	do	290	"	"			
35·82	—do— Collars	9	8	"	do	340	"	"			
	Sluice valves, Hydrant air valves &c					7861	"	"			
12	Nos: Pillar fountains	110	"	"	each	1320	"	"			
40	Nos: Single wall tap fountains	50	"	"	do	2000	"	"			
13	Nos: Double wall tap fountains	70	"	"	do	910	"	"			
	Surface boxes to Sluice valves					1645	"	"			
	Extras as detailed					2243	"	"			
	Petty charges					1645	"	"			
	Total for Supply & delivery of pipes								133900	"	"
	Excavation for Cast iron & Steel pipes					6833	"	"			
	—do— for Wrought iron tubes					16	"	"			
	Carried over					6849	"	"	235050	"	"
	Grand Total of Estimate ..										

Office of Sanitary Engineer to Government
Fort St. George, 30th March 1898.

A. Russell
Sanitary Engineer to Government.

S. E. 18 500-27-7-97.

Abstract o Detailed Estimate No. 2, dated 30.3.98, for the construction of Water Works for the town of Vizianagrum

Quantity.	Description of work.	Rate. Rs.	A.	P.	Per	Amount. Rs.	A.	P.	Total. Rs.	A.	P.
	Brought forward					6849	"	"	235050	"	"
750	Cft: concrete in. cement under Steel pipes	50	"	"	100 cft:	375	"	"			
	Laying Cast iron pipes										
216	Lft: laying Steel pipes	"	6	"	Lft:	81	"	"			
	Laying C.I. pipes					8266	"	"			
	Jointing Cast iron pipes										
	Cement joints turned & bored					2132	"	"			
	Jointing C.I. pipes lead joints Jointing ordinary plain spigot & Jumech pipes					4045	"	"			
	Jointing Collars lead joints					163	"	"			
	Laying & jointing W.I. pipes					105	"	"			
	Fixing Sluice valves on main & branches					869	"	"			
	Fixing air valves					45	"	"			
	Fixing Hydrants with two lengthening pieces					60	"	"			
	Erecting Pillar fountains					760	"	"			
	do Single wall taps do					1680	"	"			
	do double do					702	"	"			
	Fixing Hydrants with one lengthening piece					294	"	"			
	Petty charges					576	"	"			
	Total for laying & jointing pipes								27700	"	"
	Cost of Tools & plant & contingencies @ 7½%								1950	"	"
	Grand Total of Estimate ..								29000	"	"

Compared V.S.

OFFICE OF SANITARY ENGINEER TO GOVERNMENT
Fort St. George, 30th March 1898.

A. Kennedy
Sanitary Engineer to Government.

GOVERNMENT OF MADRAS.

SANITARY ENGINEER'S DEPARTMENT.

SPECIFICATION and Detailed Estimate No. 2
of 1897-98 of the cost of constructing
Water Works
for the town
of Vizianagram

Amount of Estimate No. 2

Rs. 2,82,000

Covering letter No. 572 dated 30-5-98.

Cur. No 1764 of 1898
COLLECTOR'S OFFICE, VIZAGAPATAM.

Encl No III to Letter No 513.
C

5/S.C.No 226/895

5/S.C.No 2644/895

Encl to C.P.O. 1628/M

2386/M/97.

3/3000/M/98

45

Re Connected with G.O. No 765 M dated 10-11-99

LOCAL AND MUNICIPAL DEPARTMENT.

Again G.O., No. , dated 189 .

Current No. 715 M of 1899, dated 1st March 99 from the Sanitary Board

Current No. 2386 M of 1899, dated 31st August 99 from the Collr of Vizagapatam

SUBJECT.

Vizianagram water supply Scheme

FOR ORDERS.

Please see the papers on the linked file.

30. X. 99

H.

In G.O. No. 2170 M, dated 16th December 1898 the plans and Estimates of a Scheme for the water-supply of Vizianagram, prepared by the Sanitary Engineer were forwarded to the Municipal Council for remarks. The Council now also requested to ascertain and report whether the Contribution of Rs 150,000 promised by the late Maharajah of Vizianagram would be realized and if this was not possible, to state how it proposed to finance the Scheme on the understanding that the Government would contribute a moiety of the estimated Cost and advance the balance at 4 per Cent interest repayable in twenty years.

2. With the first of the letter

read above, the Chairman forwards a Copy of a Communication addressed to him by the Collector and Guardian of the Vizianagram Samastanam, in which that officer states that he is prepared to recommend to Government that the Estate should pay interest on half the Cost of the water supply Scheme, not exceeding Rs 1,50,000, for such term of years as the Government may be pleased to fix for the liquidation of the principal and interest of such loan, by annual payments made to the Municipality, subject to the Condition that all the Estate buildings in the town are permanently exempted from the payment of the water tax. The Council, in its resolution No. 1, dated 12th August 1899, has accepted the offer of the Collector and Guardian of the Samastanam and states that with this help and the offer of Govt: to Contribute a moiety of the initial Cost and advance the balance Provincial funds, it will be in a position to undertake the Scheme it proposes to comply with the condition of Government to levy a drainage tax of 8 per Cent on the annual value of buildings other than those belonging to the Samastanam, so as to meet the annual maintenance charges. The Chairman also reports that the Council approves of the Scheme recommended by the Sanitary Board as being the best and the Cheapest.

I.

J.

3. The Cost of the Scheme as originally Estimated by the Sanitary Engineer was Rs 2,82,000. In its Resolution No. 556 S, dated 23rd September 1898, the Sanitary Board pointed out that the Estimate did not provide for the Compensation for lands required for the Construction of the infiltration gallery and the Service reservoir and for those Situated above and below the infiltration gallery, which would be rendered unfit for Cultivation during the Construction of the waterworks and it accordingly recommended that the Estimate should be raised to Rs 2,92,500. The Sanitary Board also suggested that the infiltration gallery should be first excavated at a Cost of Rs 10,500 and the yield tested during the dry months of the year and that if the results were Satisfactory

K.

in f.o. no. 2170m 16-12-98

Vide para 9 & 10 of the Sanitary Board's resolution.

para. 13 ibid

Vide para. 3 of the chairman's letter. L. 1.

Vide para. 6 ibid.

Vide para. 7 ibid.

reo Satisfactory, the Estimate for the
Corp whole Scheme Could then be Revised
to the Municipal Council while Con-
the V-sidering that the Construction of the
Public infiltration gallery is the important
rec point in the whole Scheme, expresses
the the hope that the experiment will prove
on the sufficiency of the Supply, having
Sel regard to the previous experience ob-
Sec-tained by a daily record kept of the
-m depth of water flowing over the weir
the board fixed on the upper ancut of
and the other Jedda Successively for
-l three months in the driest Season of
to 1898, which produced Satisfactory
Results. The Council further States
that that the annual Cost of pumping
to raise the supply is over Estimated,
Considering the local rates of wages
paid to persons
employed on Similar Works and
the price of fuel in the place, and may well
be reduced to Say Rs 4000, that
the question of Settling the Compensation
for the Lands referred to need not
be Conducted by Govt until the Scheme
is found to stand the test of the supply
into the infiltration gall-y which is
proposed to be dug, and that the
Rooms Selected for the digging of the

5

49

the trench is not an arable land
but one of gravel and Small stones
the acquisition of which will not
be difficult, & should
he
there at all necessary.

4. For the purpose of financing
the Scheme, the Estimated initial
Cost of the Scheme may be entertained
as Rs 2,92,500 or Say roughly 3 Lakhs,
as the acquisition of the Lands
Site of the infiltration gallery and
the reliable Service Reservoir and of
the Lands will Sooner or later be
necessary, and Compensation must
be paid for the damage done to
Cultivation in the lands adjoining
The Sanitary Board observes that the estimate recently prepared in regard to
the infiltration gallery & the annual
working Charges of the Scheme, may
absorbs the Sanitary Engineer's Esti-
-mate viz: Rs 9000, may be accepted
as the difference in the local rates
of Wages and in the price of fuel
at Vizianagram is not likely to
affect it to the extent represented
by the Municipal Council. Now the
Govt has undertaken to Contribute
from Provincial funds a moiety of
the Estimated initial Cost and to lend
the balance at 4 per Cent interest repayable in

Vide C.N. 710 in 95. M.

Vide para. 5 of the Sanry Engr's
letter to the Sanry Bd Progs N.

Vide para. 2 of Govt. no 2170 M.
15-12-98

Vide his letter flag P

main letter. L.1.

Vide para. 7 of his letter in the Linked file. flag. O.

rea Sc in 20 years. The Collector and guardian of
copy lobe the Vizianagram Samasthanam is willing
to he the to recommend that the Estate should
the V-sid guarantee the liquidation of this loan
olic inst by paying interest on half the cost of
prep point the scheme not exceeding 1½ lakhs for
that the such a term of years as the Govt may
on the fix for the liquidation of the loan,
Sel ega but he points out that any guarantee
Sec tain grien by him with the approval of
-n dep Her Highness the Maharanee will not
the boar enure beyond the period of manage-
in the ment. He however states that he
-l three is sure that the obligation is one
to 1878 that will not be repudiated by the
b rear future owner, that the risk may
e that therefore be disregarded and that as
t in the Estate cannot afford to pay
1 Cons up half the cost of the Scheme
paid t during the period of management,
emp he is unable to propose any other
the p arrangement. Under Sec. 75 (2) of the
here the Mc Municipalities Act, as amended, the
the q Govt can by notification exempt
for the buildings belonging to the Vizana-
ee C gram Estate from the payment of
o fo the water-tax. It is however for
into Consideration whether it will be ad-
o pro visable for the Municipal Council to
from

Cancel

○ For a precedent, please see
Go. No. 1410 M dy 12-8-98.

L. & M. 250-19-12

1.

2.191 [illegible] x 15000

29-775-0-11

Net demand under the tax on buildings
raised in 1898-99 at 7½ % = Rs 11,086

Do. at 8½ % = Rs 12564

Do. Overbase = Rs 1478

½ water tax at 8½ % = Rs 11824

Total Rs 13302

57 48

launch on the water supply scheme on the strength of the promise made by the Collector and Guardian, as it is doubtful whether such a promise, even if a formal agreement were executed by him, would be binding on the future owner of the Estate.

It has also to be noted that the Municipal Council will be unable to undertake the scheme, without the help from the Vizianagram Samasthanam Estate, alone referred to. The annual payment on account of the loan of 1½ lakhs to be advanced by Govt repayable in 20 years with interest at 4 per Cent is Rs 11040, which together with the annual working Charges of Rs 9000, amounts to Rs 20040 in the aggregate, while the only additional Revenue which can be raised by the Municipal Council is Rs 13302 (Rs 1478 by raising the rates of the tax on buildings & lands from 7½ to 8½ per Cent of their annual value, and Rs 11824 by imposing a water tax of 8% per Cent on all buildings & lands in the town). If however the offer of a Contribution from Vizianagram Sth on the Conditions specified is accepted

the Council will have no difficulty whatever in undertaking the Scheme.

27/10/99

The scheme is impossible unless the Vizianagram estate contributes a sufficient sum to half the cost of the first Contribution to the half, the question then is whether it is advisable to trust to the promise of the Maharaja on behalf of the estate to pay the sum every year. It is a large sum that will have to be paid - over Rs.11.000 per annum - and looking to the risk which will be run, it certainly does not seem advisable that Provincial Funds should advance 1½ Lakh on no better security than a promise. The boy growing up if he does not keep engagements will have no Contract at any time.

The advocate general might perhaps be able to suggest some way by which the estate can be bound - if such cannot be found the money is one or two instalments, it is submitted that the scheme should be dropped for the present & renewed when the boy is of age.

M Hamnick
30/X/99

6.

8/10

2

The scheme cannot be undertaken on the terms proposed. It must be dropped unless the Maharaj. is of age ready to give such assistance as may be needed for the finances. [illegible]

A.G.A. [illegible]
A.G.A. 1.11.99.

The Govt does not think it advisable that the Council should accept

[L. & M.]
250—19-12-98.

LOCAL AND MUNICIPAL DEPARTMENT.

Papers to be read in proceedings:—

Vizianagram water supply

Again G.O. No. dated 189 .

Again G.O., No. 217 Mis dated 16th December 1898.

Current No. 715 Mis of 1899, dated 14th March , from the Sanitary Board

" " 2386 Mis " 1899, " 31st August , " Collr of Vizagapatam

" " " 189 , " , "

108

Mis

ORDER. No. 1652 Mis 10/11/99

The Government does not consider that the Municipal Council of Vizianagram can be asked to undertake the scheme for the water supply of the town recommended by the Sanitary Board, unless the Vizianagram Estate contributes a moiety of the initial cost. ~~But the Council's proposal to accept~~ the contribution promised by the Maharaja on the ~~terms~~ stated in the correspondence ~~proposed to secure to be withdrawn~~, and therefore the question of undertaking the work must be postponed ~~dropped~~ until the Maharajah comes of age and is ready to give such assistance.

as may be needed for
financing the scheme.
/From orders/

V.R.
7th/77

The Ch: Inc. Vizianagram
" Collector of Vizagapatam
" Sanitary Board
" Commr
" Engineer
" Revenue Deptt
Dip. 13/May

TW 31/X/77

Rec'd given for copying
" returned
" examined
" signed 11/11 } 189

... IN G.O., No. , DATED
189 .

...ENT No.

...ENCE TO C. No.

GOVERNMENT .. .. .. A A A A A A A

GOVERNMENT.

WITH DITTO.

... UP, BEING MEANT FOR DESPATCH
...GINAL.

A = Copy in full.
B = Not to be copied.
P = Copy abstract only.
Q = Copy heading only.

118
Date 1-48

13-6-99.
17-9-08
22-5-13
9.2.21
27-8-36
16-2-42

Government of Madras.

LOCAL AND MUNICIPAL DEPARTMENT.

MISCELLANEOUS.

Read. *Regd.* } 1899. *Enclosures* *Spare copies*

G.O., No. 1652 M., 10th November 1899.

5901-12 13

N. P. I

Water-supply.

Stating that the Government does not consider that the Municipal Council of Vizianagram can undertake the scheme for the — of the town unless the Vizianagram estate contributes a moiety of the cost and that the question of undertaking the work must be postponed until the Maharaja comes of age and is ready to give such assistance as may be needed for financing the scheme.

GOVERNMENT OF MADRAS.

LOCAL AND MUNICIPAL DEPARTMENT.

Read—the following papers :—

I

G.O., No. 2170 M., dated 16th December 1898.

II

Proceedings of the Sanitary Board, No. 79/S., dated 1st March 1899.

Read—the following paper :—

Note by the President, Sanitary Board.

In Proceedings of the Sanitary Board, No. 556/S., dated 23rd September 1898, an estimate amounting to Rs. 2,82,000 for the Vizianagram water-supply project, prepared by the Acting Sanitary Engineer, Mr. Russel, was submitted to Government for orders. The rates in the estimate were, Mr. Russel informs me, based on the Public Works Department schedule of the Vizagapatam division. This schedule has since been found by the Chief Engineer to be "manifestly inaccurate*." The rates are understood to be too low. It is impossible to say how much the rates will have to be increased until the schedule of rates has been revised by the local officers, but the information will be obtained as soon as practicable.

* *Vide* G.O., No. 2310 W., dated 6th September 1898.

2. I, therefore, recommend that Government be apprised of this in the Local and Municipal Department, so that if the estimate be finally sanctioned in that department the sanction may be accorded subject to further scrutiny of the rates.

A. W. Smart, Col., R.E.,
Ag. President, Sanitary Board.

Resolution—No. 79/S., dated 1st March 1899.

The note of the President read above will be submitted to Government with reference to G.O., Mis. No. 2170 M., dated 16th December 1898.

(True Extract.)

R. Parsons,
Secretary, Sanitary Board.

To the Secretary to Government, Local and Municipal Department,
with a copy of G.O., No. 2310 W., dated 6th September 1898.

III

Letter—from M.R.Ry. V. Venkatraya Sastri Garu, Chairman, Municipal Council, Vizianagram.
To—the Secretary to Government, Local and Municipal Department (through the Revenue Divisional officer).
Dated—the 25th August 1899.
No.—513-C.

With reference to G.O., Mis. No. 2170 M., dated 16th December last, forwarding, for the Council's remarks, the plans and estimates and the Proceedings of the Sanitary Board in connection with the water-supply scheme to the town of Vizianagram, and requesting the Municipal Council to ascertain and report whether the contribution promised by the late Maharaja will now be realised, I have the honour to forward herewith copy of the Proceedings of the Municipal Council held on the 12th instant and the letter of the Collector and Guardian of the Vizianagram Samasthanam, dated 26th June 1899, No. 271, for the information and approval of the Government.

2. With reference to paragraph 1 of the order under reply, I beg to submit that the Council entirely agrees with the views of the Sanitary Board in selecting the Ootagedda scheme in preference to others for reasons stated by the Board in paragraph 3 of its proceedings, dated 23rd September 1898, No. 556/S.

3. The infiltration trench, which is estimated to cost Rs. 10,500, is proposed to be dug in order to test the nature of the yield. The Council considers that this is the vital point of the whole scheme and trusts it will prove that there will be a sufficient supply of water in all seasons of the year, regard being had to the previous experience obtained by a daily record kept of the depth of water flowing over the weir board fixed on the upper anicut of Ootagedda successively for three months in the driest season of 1898 which produced satisfactory results.

4. The average quantity required for the consumption of the towns-people taken at 15 gallons per head is estimated to be 6,00,000 gallons a day on a population of 40,000 souls. The daily average flow of the water thus gauged being (2″ × 24″) over the board, the yield may be estimated at 1,846,000 gallons a day which is above the required quantity.

5. The chemical analysis also shows that the water of the flowing river as well as that of wells dug in its bed is pure and fit for drinking purposes.

6. The annual cost of pumping is, in the opinion of the Council, rather overestimated taking into consideration the local rates of wages paid to persons employed on similar works and the price of fuel in the place. On an information obtained of the actual charges incurred by the Dindigul Municipality (population 20,000) for the maintenance of a pumping station where the cost did not exceed Rs. 1,836 or Rs. 1,900 a year, it cannot be estimated that it would cost here more than double that amount, viz., Rs. 3,800 or Rs. 4,000 in round numbers actually.

7. The question of settling the compensation need not engage the Government till the scheme is found to actually stand the test of the supply into the infiltration gallery proposed to be dug. The ground selected for the trench is not an arable land, but one of gravel and small stones the acquisition of which will not, in my opinion, be difficult if at all an acquisition is necessary.

8. With reference to paragraph 2 of the order, I beg to inform you that the Council considers the project to be the best in every way and the cheapest that it could think of, and hopes that the scheme will prove a success and relieve the public of the distress they have so long felt in the matter of a good supply of pure drinking water. In obedience to the Government Order and in accordance with the wishes of the Council, I negotiated with the Samasthanam authorities who have agreed to fulfil the promise so generously made by the late lamented Maharaja subject to the conditions laid down by the Collector and Guardian in his letter No. 271, dated 26th June last.

9. The Council most thankfully accepts the offer of Government to contribute half the cost of the scheme and feels equally thankful to Her Highness the Maharani Sahiba for the liberal offer now made, supported by the good advice of the Collector and Guardian, and requests that the Government will be pleased to approve the resolution of the Council in borrowing one and a half lakhs of rupees from the Samastanam

authorities under the conditions laid in the Collector and Guardian's letter above quoted, to be supplemented to a similar amount which the Government is pleased to make a grant of, towards the cost of the scheme.

10. In the event of Government sanctioning the loan which the Municipality proposes, the Council shall have to levy a water-rate at 8 per cent. on all buildings and lands within the Municipality other than those belonging to the Samastanam, in order to enable it to meet the cost of maintaining the works. The marginally-noted figures will give detailed information as to how the money thus raised will be spent. The amount which the Government may be pleased to advance will be liquidated with interest at 4 per cent. in 20 years by the Samasthanam on condition that its buildings are exempted from paying water-tax.

	Rs.
Average actual collections under tax on buildings and lands at 7½ per cent.	9,968
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Deduct water-rate on Samasthaman buildings at 8 per cent.	3,200
Amount of water-rate available for expenses ..	7,433
Amount to be met from other sources ..	1,567
Amount required for the maintenance of pumping station annually	9,000

11. In conclusion, the Council most earnestly requests that the Government be pleased to sanction the proposals made for carrying out the scheme, viz.—

(1) to make a grant of half the cost of the water scheme;

(2) to permit the Council to raise a loan from Provincial funds, the liquidation of which is guaranteed by the Samasthanam as shown in the letter No. 271 of 26th June 1899 of the Collector and Guardian;

(3) to sanction the levy of water-tax on buildings and lands within the Municipality and to allow the Council to exempt the tax on Samasthanam buildings;

(4) to advance the sum of Rs. 10,500 required for the excavation of the trench for the infiltration gallery;

(5) to order the acquisition of the land required for the gallery, if necessary.

12. The Municipal Council wishes to take up the work at once and would like to see that the work is actually commenced during the next winter, a favourable season for earthworks. Meanwhile the necessary preliminaries may be adopted.

13. The delay in replying to the above proceedings was due to the fact that Her Highness the Maharani Sahiba was absent from the place, and nothing could be settled until Her Highness' return to Vizianagram. I therefore most earnestly beg that the Government will be pleased to pass early orders on the subject so that the work may be taken up before long.

The plans, estimates and other papers connected with the subject are herewith returned as directed.

ENCLOSURES.

Letter—from H. F. W. GILLMAN, Esq., I.C.S., Collector and Guardian, Vizianagram.
To—the Chairman, Municipal Council, Vizianagram.
Dated—the 26th June 1899.
No.—271-A./Rev.

In reply to your letter No. 314 of 23rd March 1899, I have the honour to state that subject to the condition that all the estate buildings in this Municipality will permanently be exempted from payment of water-taxes, I am prepared to recommend to Government that the estate should pay interest on half the cost of the water-supply scheme to this town, not exceeding one and half lakhs of rupees, for such a term of years as the Government may be pleased to fix for the liquidation of the principal and interest of such loan, by annual payments made by the Samasthanam to the Municipality.

In such an arrangement, the Municipality will borrow the amount from Government and the estate will guarantee liquidation of this amount on the terms above named.

2. I may add that Her Highness the Maharani of Vizianagram has been pleased to approve of this arrangement, which is in conformity with the wishes of her late lamented son.

3. You will, of course, understand that the offer now made is subject to the sanction of Government. I shall be glad if you will lay the matter before the Municipal Council and forward me its resolution. If the offer is found acceptable, I shall address Government and obtain its orders in regard to the proposal.

Extract from the Proceedings of the Municipal Council, Vizianagram, dated 12th August 1899.

* * * * *

Read Proceedings of the Madras Government, dated 16th December 1898, Mis. No. 2170 M.

Read letter from the Collector and Guardian of the Vizianagram Samasthanam, dated the 26th June last, No. 271-A, stating that he is prepared to recommend to Government that the estate should pay interest on half the cost of water-supply scheme to the town, not exceeding one and half lakhs of rupees, for such term of years as the Government may be pleased to fix for the liquidation of the principal and interest, subject to the condition that all the estate buildings in the Municipality will permanently be exempted from payment of water-taxes and requesting the Council to forward its resolution on the subject.

Resolution No. 1.—The Council unanimously resolves to gratefully accept the liberal offer of the Collector and Guardian of the Vizianagram Samasthanam to liquidate the loan of half the cost of the water scheme not exceeding a lakh and a half rupees subject to the conditions specified in his letter. The Council thinks that with this offer as well as the equally liberal offer of the Government to contribute a moiety of the estimated cost and advance the balance from Provincial funds it will be in a position to undertake the scheme and proposes to levy, with the sanction of Government, a water-tax at 8 per cent. on the estimated annual rent value of buildings other than those belonging to the Samasthanam, so as to meet the pumping and other charges to as much an extent as possible. Resolved further that the Council do place on record its deep sense of obligation and gratitude to the Government and Her Highness the Maharani of Vizianagram for their liberal offers.

* * * * *

Endt. on S.C. No. 1176, *dated* 29*th August* 1899.

Forwarded through the Collector, Vizagapatam.

If the offer of the Vizianagram Samasthanam is accepted, there should be no difficulty in financing the scheme.

W. W. PHILLIPS,
Ag. Principal Assistant Collector.

Endt. on C. No. 2511, *dated* 31*st August* 1899.

Forwarded.

W. O. HORNE,
Collector.

Order—No. 1652 M., dated 10th November 1899.

The Government does not consider that the Municipal Council of Vizianagram can undertake the scheme for the water-supply of the town recommended by the Sanitary Board, unless the Vizianagram estate contributes a moiety of the initial cost. The Government does not think it advisable that the Council should accept the contribution promised by the Maharani on the terms stated in the correspondence, and therefore the question of undertaking the work must be postponed until the Maharaja comes of age and is ready to give such assistance as may be needed for financing the scheme.

(True Extract.)

M. HAMMICK,
Ag. Secretary to Government.

To the Chairman, Municipal Council, Vizianagram.
" Collector of Vizagapatam.
" Sanitary Board.
" " Commissioner.
" " Engineer.

NOTES CONNECTED WITH G.O., No. 1652 M., DATED 10TH NOVEMBER 1899.

[SUBJECT.—*Vizianagram water-supply scheme.*]

From the Sanitary Board, dated 1st March 1899, *No.* 79-*S.*

From the Collector of Vizagapatam, dated 31st August 1899, *C. No.* 2511.

In G.O., No. 2170 M., dated 16th December 1898, the plans and estimates of a scheme for the water-supply of Vizianagram, prepared by the Sanitary, Engineer, were forwarded to the Municipal Council for remarks. The Council was also requested to ascertain and report whether the contribution of Rs. 1,50,000 promised by the late Maharaja of Vizianagram would be realized, and if this was not possible, to state how it proposed to finance the scheme on the understanding that the Government would contribute a moiety of the estimated cost and advance the balance at 4 per cent. interest repayable in twenty years.

2. With the first of the letters read above, the Chairman forwards a copy of a communication addressed to him by the Collector and Guardian of the Vizianagram Samasthanam, in which that officer states that he is prepared to recommend to Government that the estate should pay interest on half the cost of the water-supply scheme, not exceeding Rs. 1,50,000, for such term of years as the Government may be pleased to fix for the liquidation of the principal and interest of such loan, by annual payments made to the Municipality, subject to the condition that all the estate buildings in the town are permanently exempted from payment of the water-tax. The Council, in its resolution No. 1, dated 12th August 1899, has accepted the offer of the Collector and Guardian of the Samasthanam and states that with this help and the offer of Government to contribute a moiety of the initial cost and advance the balance from Provincial funds, it will be in a position to undertake the scheme and it proposes to levy, with the sanction of Government, a water and drainage tax of 8 per cent. on the annual value of buildings other than those belonging to the Samasthanam so as to meet the annual maintenance charges. The Chairman also reports that the Council approves of the scheme recommended by the Sanitary Board as being the best and the cheapest.

3. The cost of the scheme, as originally estimated by the Sanitary Engineer, was Rs. 2,82,000. In its resolution No. 556-S., dated 23rd September 1898, the Sanitary Board pointed out that the estimate did not provide for compensation for the lands required for the construction of the infiltration gallery and the service reservoir and for those situated above and below the infiltration gallery, which would be rendered unfit for cultivation by the construction of the water-works and it accordingly recommended that the estimate should be raised to Rs. 2,92,550. The Sanitary Board also suggested that the infiltration gallery should be first excavated at a cost of Rs. 10,500 and the yield tested during the dry months of the year and that, if the results were satisfactory, the estimate for the whole scheme could then be revised. The Municipal Council, while considering that the construction of the infiltration gallery is the important point in the whole scheme, expresses the hope that the experiment will prove the sufficiency of the supply having regard to the previous experience obtained by a daily record kept of the depth of water flowing over the weir board fixed on the upper anicut of the Oottaigedda successively for three months in the driest season of 1898, which produced satisfactory results. The Council further states that the annual cost of pumping is over-estimated,

In G.O., No. 2170 M., dated 16th December 1898.

considering the local rates of wages paid to persons employed on similar works and the price of full in the place, and may well be reduced to, say, Rs. 4,000, that the question of settling the compensation for the lands referred to need not be considered by Government until the scheme is found to stand the test of the supply into the infiltration gallery proposed to be dug and that the ground selected for digging the trench is not an arable land but one of gravel and small stones, the acquisition of which will not be difficult should its acquisition be at all necessary.

4. For the purpose of financing the scheme, the estimated initial cost may be taken as Rs. 2,92,550 or say, roughly, 3 lakhs, as the acquisition of the sites of the infiltration gallery and the service reservoir will sooner or later be necessary, and compensation must be paid for the damage done to cultivation in the lands adjoining the infiltration gallery. The Sanitary Board also says that the estimate needs revision. As regards the annual working charges of the scheme, the Sanitary Engineer's estimate, viz. Rs. 9,000, may be accepted, as the difference in the local rates of wages and in the price of fuel at Vizianagram is not likely to affect it to the extent represented by the Municipal Council. Now the

Vide paragraph 2 of G.O., No. 2170 M., dated 16th December 1898.

Government has undertaken to contribute from Provincial funds a moiety of the estimated initial cost and to lend the balance at 4 per cent. interest repayable in twenty years. The Collector and Guardian of the Vizianagram Samasthanam is willing to recommend to Government that the estate should guarantee the liquidation of this loan by paying to the Municipality every year interest on half the cost of the scheme not exceeding 1½ lakhs for such a term of years as the Government may fix for the liquidation of the loan, but he points out that any guarantee given by him with the approval of Her Highness the Maharani will not enure beyond the period of management. He however states that he is sure that the obligation is one that will not be repudiated by the future owner, that the risk may therefore be disregarded and that as the estate cannot afford to pay up half the cost of the scheme during the period of management, he is unable to propose any other arrangement. Under section 75 (2) of the District

For a precedent, please see G.O., No. 1410 M., dated 12th August 1898.

Municipalities Act, as amended, the Government can by notification exempt the buildings belonging to the Vizianagram estate from payment of the water-tax. It is however for consideration whether it will be advisable for the Municipal Council to launch on the water-supply scheme on the strengh of the promise made by the Collector and Guardian; for it is doubtful whether such a promise, even if a formal agreement were executed by him, would be binding on the future owner of the estate. It has also to be noted that the Municipal Council will be unable to undertake the scheme without the help from the Vizianagram estate above referred to. The annual payment on account of the loan of 1½ lakhs to be advanced by Government repayable in twenty years with interest at 4 per cent. is Rs. 11,040, which together with the annual working charges of Rs. 9,000, amounts to Rs. 20,040 in the aggregate, while the only additional revenue which can be raised by the Municipal Council is Rs. 13,302 (Rupees 1,478, * by raising the rate of the tax on buildings and lands from 7½ to 8½ per cent. of their annual value, and Rs. 11,824 † by imposing a water-tax of 8 per cent. on *all* buildings and lands in the town). If however the offer of a contibution from Vizianagram estate on the conditions specified is accepted, the Council will have no difficulty whatever in undertaking the scheme.

	Rs.
* Net demand under the tax on buildings and lands in 1898-99 at 7½ per cent	11,086
Net demand under the tax on buildings and lands in 1898-99 at 8½ per cent.	12,564
Increase	1,478
† Water tax at 8 per cent.	11,824
Total ..	13,302

V. Raghava Charlu—27-10-99.

The scheme is impossible unless the Vizianagaram estate contributes interest and sinking fund for half the cost and the Government contribute the other half. The question then is whether it is advisable to trust to the promise of the Maharani on behalf of the estate to pay the sum every year. It is a large sum that will have to

be paid—over Rs. 11,000 per annum—and looking to the risk which will be run, it certainly does not seem advisable that Provincial funds should advance 1½ lakhs on no better security than a promise. The boy growing up if he turns out badly might throw over the contract at any time.

The Advocate-General might perhaps be able to suggest some way by which the estate can be bound, if not, unless Mr. Gillman can find the money in one or two instalments, it is submitted that the scheme should be dropped for the present and renewed when the boy comes of age.

M. Hammick—30-10-99.

The scheme cannot be undertaken on the terms proposed. It must be dropped until the Maharaja is of age and ready to give such assistance as may be needed for the finances.

A. T. A[rundel]—1-11-99.

[G.O., No. 1652 M., dated 10th November 1899.]

Government of Madras.

LOCAL AND MUNICIPAL DEPARTMENT.

MISCELLANEOUS.

Read. — *Enclosures*

1899.

Regd. — *Spare copies*

G.O., No. 1652 M., 10th November 1899.

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2. I, therefore, recommend that Government be apprised of this in the Local and Municipal Department, so that if the estimate be finally sanctioned in that department the sanction may be accorded subject to further scrutiny of the rates.

A. W. SMART, Col., R.E.,
Ag. President, Sanitary Board.

Vide G.O., No. 2310 W., dated 6th September 1898.

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(True Extract.)

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The plans, estimates and other papers connected with the subject are herewith returned as directed.

Enclosures.

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Dated—the 26th June 1899.
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Read Proceedings of the Madras Government, dated 16th December 1898, Mi. No. 2170 M.

Read letter from the Collector and Guardian of the Vizianagram Samasthanam, dated the 26th June last, No. 271-A, stating that he is prepared to recommend to Government that the estate should pay interest on half the cost of water-supply scheme to the town, not exceeding one and half lakhs of rupees, for such term of years as the Government may be pleased to fix for the liquidation of the principal and interest, subject to the condition that all the estate buildings in the Municipality will permanently be exempted from payment of water-taxes and requesting the Council to forward its resolution on the subject.

Resolution No. 1.—The Council unanimously resolves to gratefully accept the liberal offer of the Collector and Guardian of the Vizianagram Samasthanam to liquidate the loan of half the cost of the water scheme not exceeding a lakh and a half rupees subject to the conditions specified in his letter. The Council thinks that with this offer as well as the equally liberal offer of the Government to contribute a moiety of the estimated cost and advance the balance from Provincial funds it will be in a position to undertake the scheme and proposes to levy, with the sanction of Government, a water-tax at 8 per cent. on the estimated annual rent value of buildings other than those belonging to the Samasthanam, so as to meet the pumping and other charges to as much an extent as possible. Resolved further that the Council do place on record its deep sense of obligation and gratitude to the Government and Her Highness the Maharani of Vizianagram for their liberal offers.

* * * * *

Endt. on S.C. No. 1176, *dated* 29*th August* 1899.

Forwarded through the Collector, Vizagapatam.

If the offer of the Vizianagram Samasthanam is accepted, there should be no difficulty in financing the scheme.

W. W. Phillips,
Ag. Principal Assistant Collector.

Endt. on C. No. 2511, *dated* 31*st August* 1899.

Forwarded.

W. O. Horne,
Collector.

Order—No. 1652 M., dated 10th November 1899.

The Government does not consider that the Municipal Council of Vizianagram can undertake the scheme for the water-supply of the town recommended by the Sanitary Board, unless the Vizianagram estate contributes a moiety of the initial cost. The Government does not think it advisable that the Council should accept the contribution promised by the Maharani on the terms stated in the correspondence, and therefore the question of undertaking the work must be postponed until the Maharaja comes of age and is ready to give such assistance as may be needed for financing the scheme.

(True Extract.)

M. Hammick,
Ag. Secretary to Government.

To the Chairman, Municipal Council, Vizianagram.
,, Collector of Vizagapatam.
,, Sanitary Board.
,, ,, Commissioner.
,, ,, Engineer.

NOTES CONNECTED WITH G.O., No. 1652 M., DATED 10th NOVEMBER 1899.

[Subject.—*Vizianagram water-supply scheme.*]

From the Sanitary Board, dated 1st March 1899, No. 79-S.

From the Collector of Vizagapatam, dated 31st August 1899, C. No. 2511.

In G.O., No. 2170 M., dated 16th December 1898, the plans and estimates of a scheme for the water-supply of Vizianagram, prepared by the Sanitary, Engineer, were forwarded to the Municipal Council for remarks. The Council was also requested to ascertain and report whether the contribution of Rs. 1,50,000 promised by the late Maharaja of Vizianagram would be realized, and if this was not possible, to state how it proposed to finance the scheme on the understanding that the Government would contribute a moiety of the estimated cost and advance the balance at 4 per cent. interest repayable in twenty years.

2. With the first of the letters read above, the Chairman forwards a copy of a communication addressed to him by the Collector and Guardian of the Vizianagram Samasthanam, in which that officer states that he is prepared to recommend to Government that the estate should pay interest on half the cost of the water-supply scheme, not exceeding Rs. 1,50,000, for such term of years as the Government may be pleased to fix for the liquidation of the principal and interest of such loan, by annual payments made to the Municipality, subject to the condition that all the estate buildings in the town are permanently exempted from payment of the water-tax. The Council, in its resolution No. 1, dated 12th August 1899, has accepted the offer of the Collector and Guardian of the Samasthanam and states that with this help and the offer of Government to contribute a moiety of the initial cost and advance the balance from Provincial funds, it will be in a position to undertake the scheme and it proposes to levy, with the sanction of Government, a water and drainage tax of 8 per cent. on the annual value of buildings other than those belonging to the Samasthanam so as to meet the annual maintenance charges. The Chairman also reports that the Council approves of the scheme recommended by the Sanitary Board as being the best and the cheapest.

3. The cost of the scheme, as originally estimated by the Sanitary Engineer, was Rs. 2,8[illegible],000. In its resolution No. 556-S., dated 23rd September 1898, the Sanitary Board pointed out that the estimate did not provide for compensation for the lands required for the construction of the infiltration gallery and the service reservoir and for those situated above and below the infiltration gallery, which would be rendered unfit for cultivation by the construction of the water-works and it accordingly recommended that the estimate should be raised to Rs. 2,92,550. The Sanitary Board also suggested that the infiltration gallery should be first excavated at a cost of Rs. 10,500 and the yield tested during the dry months of the year and that, if the results were satisfactory, the estimate for the whole scheme could then be revised. The Municipal Council, while considering that the construction of the infiltration gallery is the important point in the whole scheme, expresses the hope that the experiment will prove the sufficiency of the supply having regard to the previous experience obtained by a daily record kept of the depth of water flowing over the weir board fixed on the upper anicut of the Oottaigedda successively for three months in the driest season of 1898, which produced satisfactory results. The Council further states that the annual cost of pumping is over-estimated,

In G.O., No. 2170 M., dated 16th December 1898.

Government of Madras.

LOCAL AND MUNICIPAL DEPARTMENT.

MISCELLANEOUS.

Read. / *Regd.* } 1899. *Enclosures* / *Spare copies*

G.O., No. 1652 M., 10th November 1899.

N. P.

Water-supply.

Stating that the Government does not consider that the Municipal Council of Vizianagram can undertake the scheme for the — of the town unless the Vizianagram estate contributes a moiety of the cost and that the question of undertaking the work must be postponed until the Maharaja comes of age and is ready to give such assistance as may be needed for financing the scheme.

GOVERNMENT OF MADRAS.

LOCAL AND MUNICIPAL DEPARTMENT.

Read—the following papers :—

I

G.O., No. 2170 M., dated 16th December 1898.

II

Proceedings of the Sanitary Board, No. 79/S., dated 1st March 1899.

Read—the following paper :—

Note by the President, Sanitary Board.

In Proceedings of the Sanitary Board, No. 556/S., dated 23rd September 1898, an estimate amounting to Rs. 2,82,000 for the Vizianagram water-supply project, prepared by the Acting Sanitary Engineer, Mr. Russel, was submitted to Government for orders. The rates in the estimate were, Mr. Russel informs me, based on the Public Works Department schedule of the Vizagapatam division. This schedule has since been found by the Chief Engineer to be "manifestly inaccurate*." The rates are understood to be too low. It is impossible to say how much the rates will have to be increased until the schedule of rates has been revised by the local officers, but the information will be obtained as soon as practicable.

* *Vide* G.O., No. 2310 W., dated 6th September 1898.

2. I, therefore, recommend that Government be apprised of this in the Local and Municipal Department, so that if the estimate be finally sanctioned in that department the sanction may be accorded subject to further scrutiny of the rates.

A. W. Smart, Col., R.E.,
Ag. President, Sanitary Board.

Resolution—No. 79/*S., dated* 1*st March* 1899.

The note of the President read above will be submitted to Government with reference to G.O., Mis. No. 2170 M., dated 16th December 1898.

(True Extract.)

R. Parsons,
Secretary, Sanitary Board.

To the Secretary to Government, Local and Municipal Department,
with a copy of G.O., No. 2310 W., dated 6th September 1898.

III

Letter—from M.R.Ry. V. Venkatraya Sastri Garu, Chairman, Municipal Council, Vizianagram.
To—the Secretary to Government, Local and Municipal Department (through the Revenue Divisional officer).
Dated—the 25th August 1899.
No.—513-C.

With reference to G.O., Mis. No. 2170 M., dated 16th December last, forwarding, for the Council's remarks, the plans and estimates and the Proceedings of the Sanitary Board in connection with the water-supply scheme to the town of Vizianagram, and requesting the Municipal Council to ascertain and report whether the contribution promised by the late Maharaja will now be realised, I have the honour to forward herewith copy of the Proceedings of the Municipal Council held on the 12th instant and the letter of the Collector and Guardian of the Vizianagram Samasthanam, dated 26th June 1899, No. 271, for the information and approval of the Government.

2. With reference to paragraph 1 of the order under reply, I beg to submit that the Council entirely agrees with the views of the Sanitary Board in selecting the Ootagedda scheme in preference to others for reasons stated by the Board in paragraph 3 of its proceedings, dated 23rd September 1898, No. 556/S.

3. The infiltration trench, which is estimated to cost Rs. 10,500, is proposed to be dug in order to test the nature of the yield. The Council considers that this is the vital point of the whole scheme and trusts it will prove that there will be a sufficient supply of water in all seasons of the year, regard being had to the previous experience obtained by a daily record kept of the depth of water flowing over the weir board fixed on the upper anicut of Ootagedda successively for three months in the driest season of 1898 which produced satisfactory results.

4. The average quantity required for the consumption of the towns-people taken at 15 gallons per head is estimated to be 6,00,000 gallons a day on a population of 40,000 souls. The daily average flow of the water thus gauged being (2″ × 24″) over the board, the yield may be estimated at 1,846,000 gallons a day which is above the required quantity.

5. The chemical analysis also shows that the water of the flowing river as well as that of wells dug in its bed is pure and fit for drinking purposes.

6. The annual cost of pumping is, in the opinion of the Council, rather overestimated taking into consideration the local rates of wages paid to persons employed on similar works and the price of fuel in the place. On an information obtained of the actual charges incurred by the Dindigul Municipality (population 20,000) for the maintenance of a pumping station where the cost did not exceed Rs. 1,836 or Rs. 1,900 a year, it cannot be estimated that it would cost here more than double that amount, viz., Rs. 3,800 or Rs. 4,000 in round numbers actually.

7. The question of settling the compensation need not engage the Government till the scheme is found to actually stand the test of the supply into the infiltration gallery proposed to be dug. The ground selected for the trench is not an arable land, but one of gravel and small stones the acquisition of which will not, in my opinion, be difficult if at all an acquisition is necessary.

8. With reference to paragraph 2 of the order, I beg to inform you that the Council considers the project to be the best in every way and the cheapest that it could think of, and hopes that the scheme will prove a success and relieve the public of the distress they have so long felt in the matter of a good supply of pure drinking water. In obedience to the Government Order and in accordance with the wishes of the Council, I negotiated with the Samasthanam authorities who have agreed to fulfil the promise so generously made by the late lamented Maharaja subject to the conditions laid down by the Collector and Guardian in his letter No. 271, dated 26th June last.

9. The Council most thankfully accepts the offer of Government to contribute half the cost of the scheme and feels equally thankful to Her Highness the Maharani Sahiba for the liberal offer now made, supported by the good advice of the Collector and Guardian, and requests that the Government will be pleased to approve the resolution of the Council in borrowing one and a half lakhs of rupees from the Samastanam

authorities under the conditions laid in the Collector and Guardian's letter above quoted, to be supplemented to a similar amount which the Government is pleased to make a grant of, towards the cost of the scheme.

10. In the event of Government sanctioning the loan which the Municipality proposes, the Council shall have to levy a water-rate at 8 per cent. on all buildings and lands within the Municipality other than those belonging to the Samastanam, in order to enable it to meet the cost of maintaining the works. The marginally-noted figures will give detailed information as to how the money thus raised will be spent. The amount which the Government may be pleased to advance will be liquidated with interest at 4 per cent. in 20 years by the Samasthanam on condition that its buildings are exempted from paying water-tax.

	Rs.
Average actual collections under tax on buildings and lands at 7½ per cent.	9,968
Estimated revenue collectable as water-rate at 8 per cent.	10,633
Deduct water-rate on Samasthaman buildings at 8 per cent.	3,200
Amount of water-rate available for expenses ..	7,433
Amount to be met from other sources ..	1,567
Amount required for the maintenance of pumping station annually	9,000

11. In conclusion, the Council most earnestly requests that the Government be pleased to sanction the proposals made for carrying out the scheme, viz.—

(1) to make a grant of half the cost of the water scheme;

(2) to permit the Council to raise a loan from Provincial funds, the liquidation of which is guaranteed by the Samasthanam as shown in the letter No. 271 of 26th June 1899 of the Collector and Guardian;

(3) to sanction the levy of water-tax on buildings and lands within the Municipality and to allow the Council to exempt the tax on Samasthanam buildings;

(4) to advance the sum of Rs. 10,500 required for the excavation of the trench for the infiltration gallery;

(5) to order the acquisition of the land required for the gallery, if necessary.

12. The Municipal Council wishes to take up the work at once and would like to see that the work is actually commenced during the next winter, a favourable season for earthworks. Meanwhile the necessary preliminaries may be adopted.

13. The delay in replying to the above proceedings was due to the fact that Her Highness the Maharani Sahiba was absent from the place, and nothing could be settled until Her Highness' return to Vizianagram. I therefore most earnestly beg that the Government will be pleased to pass early orders on the subject so that the work may be taken up before long.

The plans, estimates and other papers connected with the subject are herewith returned as directed.

Enclosures.

Letter—from H. F. W. Gillman, Esq., I.C.S., Collector and Guardian, Vizianagram.
To—the Chairman, Municipal Council, Vizianagram.
Dated—the 26th June 1899.
No.—271-A/Rev.

In reply to your letter No. 314 of 23rd March 1899, I have the honour to state that subject to the condition that all the estate buildings in this Municipality will permanently be exempted from payment of water-taxes, I am prepared to recommend to Government that the estate should pay interest on half the cost of the water-supply scheme to this town, not exceeding one and half lakhs of rupees, for such a term of years as the Government may be pleased to fix for the liquidation of the principal and interest of such loan, by annual payments made by the Samasthanam to the Municipality.

In such an arrangement, the Municipality will borrow the amount from Government and the estate will guarantee liquidation of this amount on the terms above named.

2. I may add that Her Highness the Maharani of Vizianagram has been pleased to approve of this arrangement, which is in conformity with the wishes of her late lamented son.

3. You will, of course, understand that the offer now made is subject to the sanction of Government. I shall be glad if you will lay the matter before the Municipal Council and forward me its resolution. If the offer is found acceptable, I shall address Government and obtain its orders in regard to the proposal.

Extract from the Proceedings of the Municipal Council, Vizianagram, dated 12th August 1899.

* * * * *

Read Proceedings of the Madras Government, dated 16th December 1898, Mis. No. 2170 M.

Read letter from the Collector and Guardian of the Vizianagram Samasthanam, dated the 26th June last, No. 271-A, stating that he is prepared to recommend to Government that the estate should pay interest on half the cost of water-supply scheme to the town, not exceeding one and half lakhs of rupees, for such term of years as the Government may be pleased to fix for the liquidation of the principal and interest, subject to the condition that all the estate buildings in the Municipality will permanently be exempted from payment of water-taxes and requesting the Council to forward its resolution on the subject.

Resolution No. 1.—The Council unanimously resolves to gratefully accept the liberal offer of the Collector and Guardian of the Vizianagram Samasthanam to liquidate the loan of half the cost of the water scheme not exceeding a lakh and a half rupees subject to the conditions specified in his letter. The Council thinks that with this offer as well as the equally liberal offer of the Government to contribute a moiety of the estimated cost and advance the balance from Provincial funds it will be in a position to undertake the scheme and proposes to levy, with the sanction of Government, a water-tax at 8 per cent. on the estimated annual rent value of buildings other than those belonging to the Samasthanam, so as to meet the pumping and other charges to as much an extent as possible. Resolved further that the Council do place on record its deep sense of obligation and gratitude to the Government and Her Highness the Maharani of Vizianagram for their liberal offers.

* * * * *

Endt. on S.C. No. 1176, *dated 29th August* 1899.

Forwarded through the Collector, Vizagapatam.

If the offer of the Vizianagram Samasthanam is accepted, there should be no difficulty in financing the scheme.

W. W. Phillips,
Ag. Principal Assistant Collector.

Endt. on C. No. 2511, *dated* 31*st August* 1899.

Forwarded.

W. O. Horne,
Collector.

Order—No. 1652 M., dated 10th November 1899.

The Government does not consider that the Municipal Council of Vizianagram can undertake the scheme for the water-supply of the town recommended by the Sanitary Board, unless the Vizianagram estate contributes a moiety of the initial cost. The Government does not think it advisable that the Council should accept the contribution promised by the Maharani on the terms stated in the correspondence, and therefore the question of undertaking the work must be postponed until the Maharaja comes of age and is ready to give such assistance as may be needed for financing the scheme.

(True Extract.)

M. Hammick,
Ag. Secretary to Government.

To the Chairman, Municipal Council, Vizianagram.
" Collector of Vizagapatam.
" Sanitary Board.
" " Commissioner.
" " Engineer.

NOTES CONNECTED WITH G.O., No. 1652 M., DATED 10TH NOVEMBER 1899.

[SUBJECT.—*Vizianagram water-supply scheme.*]

From the Sanitary Board, dated 1st March 1899, No. 79-S.

From the Collector of Vizagapatam, dated 31st August 1899, C. No. 2511.

In G.O., No. 2170 M., dated 16th December 1898, the plans and estimates of a scheme for the water-supply of Vizianagram, prepared by the Sanitary Engineer, were forwarded to the Municipal Council for remarks. The Council was also requested to ascertain and report whether the contribution of Rs. 1,50,000 promised by the late Maharaja of Vizianagram would be realized, and if this was not possible, to state how it proposed to finance the scheme on the understanding that the Government would contribute a moiety of the estimated cost and advance the balance at 4 per cent. interest repayable in twenty years.

2. With the first of the letters read above, the Chairman forwards a copy of a communication addressed to him by the Collector and Guardian of the Vizianagram Samasthanam, in which that officer states that he is prepared to recommend to Government that the estate should pay interest on half the cost of the water-supply scheme, not exceeding Rs. 1,50,000, for such term of years as the Government may be pleased to fix for the liquidation of the principal and interest of such loan, by annual payments made to the Municipality, subject to the condition that all the estate buildings in the town are permanently exempted from payment of the water-tax. The Council, in its resolution No. 1, dated 12th August 1899, has accepted the offer of the Collector and Guardian of the Samasthanam and states that with this help and the offer of Government to contribute a moiety of the initial cost and advance the balance from Provincial funds, it will be in a position to undertake the scheme and it proposes to levy, with the sanction of Government, a water and drainage tax of 8 per cent. on the annual value of buildings other than those belonging to the Samasthanam so as to meet the annual maintenance charges. The Chairman also reports that the Council approves of the scheme recommended by the Sanitary Board as being the best and the cheapest.

3. The cost of the scheme, as originally estimated by the Sanitary Engineer, was Rs. 2,82,000. In its resolution No. 556-S., dated 23rd September 1898, the Sanitary Board pointed out that the estimate did not provide for compensation for the lands required for the construction of the infiltration gallery and the service reservoir and for those situated above and below the infiltration gallery, which would be rendered unfit for cultivation by the construction of the water-works and it accordingly recommended that the estimate should be raised to Rs. 2,92,550. The Sanitary Board also suggested that the infiltration gallery should be first excavated at a cost of Rs. 10,500 and the yield tested during the dry months of the year and that, if the results were satisfactory, the estimate for the whole scheme could then be revised. The Municipal Council, while considering that the construction of the infiltration gallery is the important point in the whole scheme, expresses the hope that the experiment will prove the sufficiency of the supply having regard to the previous experience obtained by a daily record kept of the depth of water flowing over the weir board fixed on the upper anicut of the Oottaigedda successively for three months in the driest season of 1898, which produced satisfactory results. The Council further states that the annual cost of pumping is over-estimated,

In G.O., No. 2170 M., dated 16th December 1898.

considering the local rates of wages paid to persons employed on similar works and the price of full in the place, and may well be reduced to, say, Rs. 4.000, that the question of settling the compensation for the lands referred to need not be considered by Government until the scheme is found to stand the test of the supply into the infiltration gallery proposed to be dug and that the ground selected for digging the trench is not an arable land but one of gravel and small stones, the acquisition of which will not be difficult should its acquisition be at all necessary.

4. For the purpose of financing the scheme, the estimated initial cost may be taken as Rs. 2,92,550 or say, roughly, 3 lakhs, as the acquisition of the sites of the infiltration gallery and the service reservoir will sooner or later be necessary, and compensation must be paid for the damage done to cultivation in the lands adjoining the infiltration gallery. The Sanitary Board also says that the estimate needs revision. As regards the annual working charges of the scheme, the Sanitary Engineer's estimate, viz. Rs. 9,000, may be accepted, as the difference in the local rates of wages and in the price of fuel at Vizianagram is not likely to affect it to the extent represented by the Municipal Council. Now the Government has undertaken to contribute from Provincial funds a moiety of the estimated initial cost and to lend the balance at 4 per cent. interest repayable in twenty years. The Collector and Guardian of the Vizianagram Samasthanam is willing to recommend to Government that the estate should guarantee the liquidation of this loan by paying to the Municipality every year interest on half the cost of the scheme not exceeding 1½ lakhs for such a term of years as the Government may fix for the liquidation of the loan, but he points out that any guarantee given by him with the approval of Her Highness the Maharani will not enure beyond the period of management. He however states that he is sure that the obligation is one that will not be repudiated by the future owner, that the risk may therefore be disregarded and that as the estate cannot afford to pay up half the cost of the scheme during the period of management, he is unable to propose any other arrangement. Under section 75 (2) of the District Municipalities Act, as amended, the Government can by notification exempt the buildings belonging to the Vizianagram estate from payment of the water-tax. It is however for consideration whether it will be advisable for the Municipal Council to launch on the water-supply scheme on the strengh of the promise made by the Collector and Guardian; for it is doubtful whether such a promise, even if a formal agreement were executed by him, would be binding on the future owner of the estate. It has also to be noted that the Municipal Council will be unable to undertake the scheme without the help from the Vizianagram estate above referred to. The annual payment on account of the loan of 1½ lakhs to be advanced by Government repayable in twenty years with interest at 4 per cent. is Rs. 11,040, which together with the annual working charges of Rs. 9,000, amounts to Rs. 20,040 in the aggregate, while the only additional revenue which can be raised by the Municipal Council is Rs. 13,302 (Rupees 1,478, * by raising the rate of the tax on buildings and lands from 7½ to 8½ per cent. of their annual value, and Rs. 11,824 † by imposing a water-tax of 8 per cent. on *all* buildings and lands in the town). If however the offer of a contibution from Vizianagram estate on the conditions specified is accepted, the Council will have no difficulty whatever in undertaking the scheme.

Vide paragraph 2 of G.O., No. 2170 M., dated 16th December 1898.

For a precedent, please see G.O., No. 1410 M., dated 12th August 1898.

	Rs.
* Net demand under the tax on buildings and lands in 1898–99 at 7½ per cent	11,086
Net demand under the tax on buildings and lands in 1898–99 at 8½ per cent.	12,564
Increase	1,478
† Water tax at 8 per cent.	11,824
Total ..	13,302

V. Raghava Charlu—27-10-99.

The scheme is impossible unless the Vizianagaram estate contributes interest and sinking fund for half the cost and the Government contribute the other half. The question then is whether it is advisable to trust to the promise of the Maharani on behalf of the estate to pay the sum every year. It is a large sum that will have to

be paid—over Rs. 11,000 per annum—and looking to the risk which will be run, it certainly does not seem advisable that Provincial funds should advance 1½ lakhs on no better security than a promise. The boy growing up if he turns out badly might throw over the contract at any time.

The Advocate-General might perhaps be able to suggest some way by which the estate can be bound, if not, unless Mr. Gillman can find the money in one or two instalments, it is submitted that the scheme should be dropped for the present and renewed when the boy comes of age.

M. Hammick—30-10-99.

The scheme cannot be undertaken on the terms proposed. It must be dropped until the Maharaja is of age and ready to give such assistance as may be needed for the finances.

A. T. A[rundel]—1-11-99.

[G.O., No. 1652 M., dated 10th November 1899.]

Government of Madras.

LOCAL AND MUNICIPAL DEPARTMENT.

MISCELLANEOUS.

Read. — *Enclosures*

1899.

Regd. — *Spare copies*

G.O., No. 1652 M., 10th November 1899.

Water-supply.

Stating that the Government does not consider that the Municipal Council of Vizianagram can undertake the scheme for the — of the town unless the Vizianagram estate contributes a moiety of the cost and that the question of undertaking the work must be postponed until the Maharaja comes of age and is ready to give such assistance as may be needed for financing the scheme.

GOVERNMENT OF MADRAS.

LOCAL AND MUNICIPAL DEPARTMENT.

READ—the following papers :—

I

G.O., No. 2170 M., dated 16th December 1898.

II

Proceedings of the Sanitary Board, No. 79/S., dated 1st March 1899.

Read—the following paper :—

Note by the President, Sanitary Board.

In Proceedings of the Sanitary Board, No. 556/S., dated 23rd September 1898, an estimate amounting to Rs. 2,82,000 for the Vizianagram water-supply project, prepared by the Acting Sanitary Engineer, Mr. Russel, was submitted to Government for orders. The rates in the estimate were, Mr. Russel informs me, based on the Public Works Department schedule of the Vizagapatam division. This schedule has since been found by the Chief Engineer to be "manifestly inaccurate*." The rates are understood to be too low. It is impossible to say how much the rates will have to be increased until the schedule of rates has been revised by the local officers, but the information will be obtained as soon as practicable.

* *Vide* G.O., No. 2310 W., dated 6th September 1898.

2. I, therefore, recommend that Government be apprised of this in the Local and Municipal Department, so that if the estimate be finally sanctioned in that department the sanction may be accorded subject to further scrutiny of the rates.

A. W. SMART, Col., R.E.,
Ag. President, Sanitary Board.

Resolution—No. 79/S., dated 1st March 1899.

The note of the President read above will be submitted to Government with reference to G.O., Mis. No. 2170 M., dated 16th December 1898.

(True Extract.)

R. PARSONS,
Secretary, Sanitary Board.

To the Secretary to Government, Local and Municipal Department,
with a copy of G.O., No. 2310 W., dated 6th September 1898.

III

Letter—from M.R.Ry. V. VENKATRAYA SASTRI Garu, Chairman, Municipal Council, Vizianagram.
To—the Secretary to Government, Local and Municipal Department (through the Revenue Divisional officer).
Dated—the 25th August 1899.
No.—513-C.

With reference to G.O., Mis. No. 2170 M., dated 16th December last, forwarding, for the Council's remarks, the plans and estimates and the Proceedings of the Sanitary Board in connection with the water-supply scheme to the town of Vizianagram, and requesting the Municipal Council to ascertain and report whether the contribution promised by the late Maharaja will now be realised, I have the honour to forward herewith copy of the Proceedings of the Municipal Council held on the 12th instant and the letter of the Collector and Guardian of the Vizianagram Samasthanam, dated 26th June 1899, No. 271, for the information and approval of the Government.

2. With reference to paragraph 1 of the order under reply, I beg to submit that the Council entirely agrees with the views of the Sanitary Board in selecting the Ootagedda scheme in preference to others for reasons stated by the Board in paragraph 3 of its proceedings, dated 23rd September 1898, No. 556/S.

3. The infiltration trench, which is estimated to cost Rs. 10,500, is proposed to be dug in order to test the nature of the yield. The Council considers that this is the vital point of the whole scheme and trusts it will prove that there will be a sufficient supply of water in all seasons of the year, regard being had to the previous experience obtained by a daily record kept of the depth of water flowing over the weir board fixed on the upper anicut of Ootagedda successively for three months in the driest season of 1898 which produced satisfactory results.

4. The average quantity required for the consumption of the towns-people taken at 15 gallons per head is estimated to be 6,00,000 gallons a day on a population of 40,000 souls. The daily average flow of the water thus gauged being (2″ × 24″) over the board, the yield may be estimated at 1,846,000 gallons a day which is above the required quantity.

5. The chemical analysis also shows that the water of the flowing river as well as that of wells dug in its bed is pure and fit for drinking purposes.

6. The annual cost of pumping is, in the opinion of the Council, rather overestimated taking into consideration the local rates of wages paid to persons employed on similar works and the price of fuel in the place. On an information obtained of the actual charges incurred by the Dindigul Municipality (population 20,000) for the maintenance of a pumping station where the cost did not exceed Rs. 1,836 or Rs. 1,900 a year, it cannot be estimated that it would cost here more than double that amount, viz., Rs. 3,800 or Rs. 4,000 in round numbers actually.

7. The question of settling the compensation need not engage the Government till the scheme is found to actually stand the test of the supply into the infiltration gallery proposed to be dug. The ground selected for the trench is not an arable land, but one of gravel and small stones the acquisition of which will not, in my opinion, be difficult if at all an acquisition is necessary.

8. With reference to paragraph 2 of the order, I beg to inform you that the Council considers the project to be the best in every way and the cheapest that it could think of, and hopes that the scheme will prove a success and relieve the public of the distress they have so long felt in the matter of a good supply of pure drinking water. In obedience to the Government Order and in accordance with the wishes of the Council, I negotiated with the Samasthanam authorities who have agreed to fulfil the promise so generously made by the late lamented Maharaja subject to the conditions laid down by the Collector and Guardian in his letter No. 271, dated 26th June last.

9. The Council most thankfully accepts the offer of Government to contribute half the cost of the scheme and feels equally thankful to Her Highness the Maharani Sahiba for the liberal offer now made, supported by the good advice of the Collector and Guardian, and requests that the Government will be pleased to approve the resolution of the Council in borrowing one and a half lakhs of rupees from the Samastanam

authorities under the conditions laid in the Collector and Guardian's letter above quoted, to be supplemented to a similar amount which the Government is pleased to make a grant of, towards the cost of the scheme.

10. In the event of Government sanctioning the loan which the Municipality proposes, the Council shall have to levy a water-rate at 8 per cent. on all buildings and lands within the Municipality other than those belonging to the Samastanam, in order to enable it to meet the cost of maintaining the works. The marginally-noted figures will give detailed information as to how the money thus raised will be spent. The amount which the Government may be pleased to advance will be liquidated with interest at 4 per cent. in 20 years by the Samasthanam on condition that its buildings are exempted from paying water-tax.

	Rs.
Average actual collections under tax on buildings and lands at 7½ per cent.	9,968
Estimated revenue collectable as water-rate at 8 per cent.	10,633
Deduct water-rate on Samasthaman buildings at 8 per cent.	3,200
Amount of water-rate available for expenses ..	7,433
Amount to be met from other sources ..	1,567
Amount required for the maintenance of pumping station annually	9,000

11. In conclusion, the Council most earnestly requests that the Government be pleased to sanction the proposals made for carrying out the scheme, viz.—

(1) to make a grant of half the cost of the water scheme;

(2) to permit the Council to raise a loan from Provincial funds, the liquidation of which is guaranteed by the Samasthanam as shown in the letter No. 271 of 26th June 1899 of the Collector and Guardian;

(3) to sanction the levy of water-tax on buildings and lands within the Municipality and to allow the Council to exempt the tax on Samasthanam buildings;

(4) to advance the sum of Rs. 10,500 required for the excavation of the trench for the infiltration gallery;

(5) to order the acquisition of the land required for the gallery, if necessary.

12. The Municipal Council wishes to take up the work at once and would like to see that the work is actually commenced during the next winter, a favourable season for earthworks. Meanwhile the necessary preliminaries may be adopted.

13. The delay in replying to the above proceedings was due to the fact that Her Highness the Maharani Sahiba was absent from the place, and nothing could be settled until Her Highness' return to Vizianagram. I therefore most earnestly beg that the Government will be pleased to pass early orders on the subject so that the work may be taken up before long.

The plans, estimates and other papers connected with the subject are herewith returned as directed.

ENCLOSURES.

Letter—from H. F. W. GILLMAN, Esq., I.C.S., Collector and Guardian, Vizianagram.
To—the Chairman, Municipal Council, Vizianagram.
Dated—the 26th June 1899.
No.—271-A/Rev.

In reply to your letter No. 314 of 23rd March 1899, I have the honour to state that subject to the condition that all the estate buildings in this Municipality will permanently be exempted from payment of water-taxes, I am prepared to recommend to Government that the estate should pay interest on half the cost of the water-supply scheme to this town, not exceeding one and half lakhs of rupees, for such a term of years as the Government may be pleased to fix for the liquidation of the principal and interest of such loan, by annual payments made by the Samasthanam to the Municipality.

In such an arrangement, the Municipality will borrow the amount from Government and
To the Secretary. estate will guarantee liquidation of this amount on the terms above named.

2. I may add that Her Highness the Maharani of Vizianagram has been pleased to approve of this arrangement, which is in conformity with the wishes of her late lamented son.

3. You will, of course, understand that the offer now made is subject to the sanction of Government. I shall be glad if you will lay the matter before the Municipal Council and forward me its resolution. If the offer is found acceptable, I shall address Government and obtain its orders in regard to the proposal.

Extract from the Proceedings of the Municipal Council, Vizianagram, dated 12th August 1899.

* * * * *

Read Proceedings of the Madras Government, dated 16th December 1898, Mis. No. 2170 M.

Read letter from the Collector and Guardian of the Vizianagram Samasthanam, dated the 26th June last, No. 271-A, stating that he is prepared to recommend to Government that the estate should pay interest on half the cost of water-supply scheme to the town, not exceeding one and half lakhs of rupees, for such term of years as the Government may be pleased to fix for the liquidation of the principal and interest, subject to the condition that all the estate buildings in the Municipality will permanently be exempted from payment of water-taxes and requesting the Council to forward its resolution on the subject.

Resolution No. 1.—The Council unanimously resolves to gratefully accept the liberal offer of the Collector and Guardian of the Vizianagram Samasthanam to liquidate the loan of half the cost of the water scheme not exceeding a lakh and a half rupees subject to the conditions specified in his letter. The Council thinks that with this offer as well as the equally liberal offer of the Government to contribute a moiety of the estimated cost and advance the balance from Provincial funds it will be in a position to undertake the scheme and proposes to levy, with the sanction of Government, a water-tax at 8 per cent. on the estimated annual rent value of buildings other than those belonging to the Samasthanam, so as to meet the pumping and other charges to as much an extent as possible. Resolved further that the Council do place on record its deep sense of obligation and gratitude to the Government and Her Highness the Maharani of Vizianagram for their liberal offers.

* * * * *

Endt. on S.C. No. 1176, *dated 29th August* 1899.

Forwarded through the Collector, Vizagapatam.

If the offer of the Vizianagram Samasthanam is accepted, there should be no difficulty in financing the scheme.

W. W. PHILLIPS,
Ag. Principal Assistant Collector.

Endt. on C. No. 2511, *dated* 31*st August* 1899.

Forwarded.

W. O. HORNE,
Collector.

Order—No. 1652 M., dated 10th November 1899.

The Government does not consider that the Municipal Council of Vizianagram can undertake the scheme for the water-supply of the town recommended by the Sanitary Board, unless the Vizianagram estate contributes a moiety of the initial cost. The Government does not think it advisable that the Council should accept the contribution promised by the Maharani on the terms stated in the correspondence, and therefore the question of undertaking the work must be postponed until the Maharaja comes of age and is ready to give such assistance as may be needed for financing the scheme.

(True Extract.)

M. HAMMICK,
Ag. Secretary to Government.

To the Chairman, Municipal Council, Vizianagram.
" Collector of Vizagapatam.
" Sanitary Board.
" " Commissioner.
" " Engineer.

Government of Madras.

LOCAL AND MUNICIPAL DEPARTMENT.

MISCELLANEOUS.

Read.	1899.	*Enclosures*
Regd.		*Spare copies*

G.O., No. 1652 M., 10th November 1899.

Water-supply.

Stating that the Government does not consider that the Municipal Council of Vizianagram can undertake the scheme for the — of the town unless the Vizianagram estate contributes a moiety of the cost and that the question of undertaking the work must be postponed until the Maharaja comes of age and is ready to give such assistance as may be needed for financing the scheme.

GOVERNMENT OF MADRAS.

LOCAL AND MUNICIPAL DEPARTMENT.

Read—the following papers :—

I

G.O., No. 2170 M., dated 16th December 1898.

II

Proceedings of the Sanitary Board, No. 79/S., dated 1st March 1899.

Read—the following paper :—

Note by the President, Sanitary Board.

In Proceedings of the Sanitary Board, No. 556/S., dated 23rd September 1898, an estimate amounting to Rs. 2,82,000 for the Vizianagram water-supply project, prepared by the Acting Sanitary Engineer, Mr. Russel, was submitted to Government for orders. The rates in the estimate were, Mr. Russel informs me, based on the Public Works Department schedule of the Vizagapatam division. This schedule has since been found by the Chief Engineer to be "manifestly inaccurate*." The rates are understood to be too low. It is impossible to say how much the rates will have to be increased until the schedule of rates has been revised by the local officers, but the information will be obtained as soon as practicable.

* *Vide* G.O., No. 2310 W., dated 6th September 1898.

2. I, therefore, recommend that Government be apprised of this in the Local and Municipal Department, so that if the estimate be finally sanctioned in that department the sanction may be accorded subject to further scrutiny of the rates.

A. W. Smart, Col., R.E.,
Ag. President, Sanitary Board.

Resolution—No. 79/S., dated 1st March 1899.

The note of the President read above will be submitted to Government with reference to G.O., Mis. No. 2170 M., dated 16th December 1898.

(True Extract.)

R. Parsons,
Secretary, Sanitary Board.

To the Secretary to Government, Local and Municipal Department,
with a copy of G.O., No. 2310 W., dated 6th September 1898.

III

Letter—from M.R.Ry. V. Venkatraya Sastri Garu, Chairman, Municipal Council, Vizianagram.
To—the Secretary to Government, Local and Municipal Department (through the Revenue Divisional officer).
Dated—the 25th August 1899.
No.—513-C.

With reference to G.O., Mis. No. 2170 M., dated 16th December last, forwarding, for the Council's remarks, the plans and estimates and the Proceedings of the Sanitary Board in connection with the water-supply scheme to the town of Vizianagram, and requesting the Municipal Council to ascertain and report whether the contribution promised by the late Maharaja will now be realised, I have the honour to forward herewith copy of the Proceedings of the Municipal Council held on the 12th instant and the letter of the Collector and Guardian of the Vizianagram Samasthanam, dated 26th June 1899, No. 271, for the information and approval of the Government.

2. With reference to paragraph 1 of the order under reply, I beg to submit that the Council entirely agrees with the views of the Sanitary Board in selecting the Ootagedda scheme in preference to others for reasons stated by the Board in paragraph 3 of its proceedings, dated 23rd September 1898, No. 556/S.

3. The infiltration trench, which is estimated to cost Rs. 10,500, is proposed to be dug in order to test the nature of the yield. The Council considers that this is the vital point of the whole scheme and trusts it will prove that there will be a sufficient supply of water in all seasons of the year, regard being had to the previous experience obtained by a daily record kept of the depth of water flowing over the weir board fixed on the upper anicut of Ootagedda successively for three months in the driest season of 1898 which produced satisfactory results.

4. The average quantity required for the consumption of the towns-people taken at 15 gallons per head is estimated to be 6,00,000 gallons a day on a population of 40,000 souls. The daily average flow of the water thus gauged being (2″ × 24″) over the board, the yield may be estimated at 1,846,000 gallons a day which is above the required quantity.

5. The chemical analysis also shows that the water of the flowing river as well as that of wells dug in its bed is pure and fit for drinking purposes.

6. The annual cost of pumping is, in the opinion of the Council, rather overestimated taking into consideration the local rates of wages paid to persons employed on similar works and the price of fuel in the place. On an information obtained of the actual charges incurred by the Dindigul Municipality (population 20,000) for the maintenance of a pumping station where the cost did not exceed Rs. 1,836 or Rs. 1,900 a year, it cannot be estimated that it would cost here more than double that amount, viz., Rs. 3,800 or Rs. 4,000 in round numbers actually.

7. The question of settling the compensation need not engage the Government till the scheme is found to actually stand the test of the supply into the infiltration gallery proposed to be dug. The ground selected for the trench is not an arable land, but one of gravel and small stones the acquisition of which will not, in my opinion, be difficult if at all an acquisition is necessary.

8. With reference to paragraph 2 of the order, I beg to inform you that the Council considers the project to be the best in every way and the cheapest that it could think of, and hopes that the scheme will prove a success and relieve the public of the distress they have so long felt in the matter of a good supply of pure drinking water. In obedience to the Government Order and in accordance with the wishes of the Council, I negotiated with the Samasthanam authorities who have agreed to fulfil the promise so generously made by the late lamented Maharaja subject to the conditions laid down by the Collector and Guardian in his letter No. 271, dated 26th June last.

9. The Council most thankfully accepts the offer of Government to contribute half the cost of the scheme and feels equally thankful to Her Highness the Maharani Sahiba for the liberal offer now made, supported by the good advice of the Collector and Guardian, and requests that the Government will be pleased to approve the resolution of the Council in borrowing one and a half lakhs of rupees from the Samastanam

GOVERNMENT OF MADRAS.

LOCAL AND MUNICIPAL DEPARTMENT.

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* *Vide* G.O., No. 2310 W., dated 6th September 1898.

2. I, therefore, recommend that Government be apprised of this in the Local and Municipal Department, so that if the estimate be finally sanctioned in that department the sanction may be accorded subject to further scrutiny of the rates.

A. W. SMART, Col., R.E.,
Ag. President, Sanitary Board.

Resolution—No. 79/*S., dated* 1*st March* 1899.

The note of the President read above will be submitted to Government with reference to G.O., Mis. No. 2170 M., dated 16th December 1898.

(True Extract.)

R. PARSONS,
Secretary, Sanitary Board.

To the Secretary to Government, Local and Municipal Department,
with a copy of G.O., No. 2310 W., dated 6th September 1898.

III

Letter—from M.R.Ry. V. VENKATRAYA SASTRI Garu, Chairman, Municipal Council, Vizianagram.
To—the Secretary to Government, Local and Municipal Department (through the Revenue Divisional officer).
Dated—the 25th August 1899.
No.—513-C.

With reference to G.O., Mis. No. 2170 M., dated 16th December last, forwarding, for the Council's remarks, the plans and estimates and the Proceedings of the Sanitary Board in connection with the water-supply scheme to the town of Vizianagram, and requesting the Municipal Council to ascertain and report whether the contribution promised by the late Maharaja will now be realised, I have the honour to forward herewith copy of the Proceedings of the Municipal Council held on the 12th instant and the letter of the Collector and Guardian of the Vizianagram Samasthanam, dated 26th June 1899, No. 271, for the information and approval of the Government.

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3. The infiltration trench, which is estimated to cost Rs. 10,500, is proposed to be dug in order to test the nature of the yield. The Council considers that this is the vital point of the whole scheme and trusts it will prove that there will be a sufficient supply of water in all seasons of the year, regard being had to the previous experience obtained by a daily record kept of the depth of water flowing over the weir board fixed on the upper anicut of Ootagedda successively for three months in the driest season of 1898 which produced satisfactory results.

4. The average quantity required for the consumption of the towns-people taken at 15 gallons per head is estimated to be 6,00,000 gallons a day on a population of 40,000 souls. The daily average flow of the water thus gauged being (2″ × 24″) over the board, the yield may be estimated at 1,846,000 gallons a day which is above the required quantity.

5. The chemical analysis also shows that the water of the flowing river as well as that of wells dug in its bed is pure and fit for drinking purposes.

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7. The question of settling the compensation need not engage the Government till the scheme is found to actually stand the test of the supply into the infiltration gallery proposed to be dug. The ground selected for the trench is not an arable land, but one of gravel and small stones the acquisition of which will not, in my opinion, be difficult if at all an acquisition is necessary.

8. With reference to paragraph 2 of the order, I beg to inform you that the Council considers the project to be the best in every way and the cheapest that it could think of, and hopes that the scheme will prove a success and relieve the public of the distress they have so long felt in the matter of a good supply of pure drinking water. In obedience to the Government Order and in accordance with the wishes of the Council, I negotiated with the Samasthanam authorities who have agreed to fulfil the promise so generously made by the late lamented Maharaja subject to the conditions laid down by the Collector and Guardian in his letter No. 271, dated 26th June last.

9. The Council most thankfully accepts the offer of Government to contribute half the cost of the scheme and feels equally thankful to Her Highness the Maharani Sahiba for the liberal offer now made, supported by the good advice of the Collector and Guardian, and requests that the Government will be pleased to approve the resolution of the Council in borrowing one and a half lakhs of rupees from the Samastanam

authorities under the conditions laid in the Collector and Guardian's letter above quoted, to be supplemented to a similar amount which the Government is pleased to make a grant of, towards the cost of the scheme.

10. In the event of Government sanctioning the loan which the Municipality proposes, the Council shall have to levy a water-rate at 8 per cent. on all buildings and lands within the Municipality other than those belonging to the Samastanam, in order to enable it to meet the cost of maintaining the works. The marginally-noted figures will give detailed information as to how the money thus raised will be spent. The amount which the Government may be pleased to advance will be liquidated with interest at 4 per cent. in 20 years by the Samasthanam on condition that its buildings are exempted from paying water-tax.

	Rs.
Average actual collections under tax on buildings and lands at 7½ per cent.	9,968
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Amount of water-rate available for expenses ..	7,433
Amount to be met from other sources ..	1,567
Amount required for the maintenance of pumping station annually	9,000

11. In conclusion, the Council most earnestly requests that the Government be pleased to sanction the proposals made for carrying out the scheme, viz.—

(1) to make a grant of half the cost of the water scheme;

(2) to permit the Council to raise a loan from Provincial funds, the liquidation of which is guaranteed by the Samasthanam as shown in the letter No. 271 of 26th June 1899 of the Collector and Guardian;

(3) to sanction the levy of water-tax on buildings and lands within the Municipality and to allow the Council to exempt the tax on Samasthanam buildings;

(4) to advance the sum of Rs. 10,500 required for the excavation of the trench for the infiltration gallery;

(5) to order the acquisition of the land required for the gallery, if necessary.

12. The Municipal Council wishes to take up the work at once and would like to see that the work is actually commenced during the next winter, a favourable season for earthworks. Meanwhile the necessary preliminaries may be adopted.

13. The delay in replying to the above proceedings was due to the fact that Her Highness the Maharani Sahiba was absent from the place, and nothing could be settled until Her Highness' return to Vizianagram. I therefore most earnestly beg that the Government will be pleased to pass early orders on the subject so that the work may be taken up before long.

The plans, estimates and other papers connected with the subject are herewith returned as directed.

Enclosures.

Letter—from H. F. W. Gillman, Esq., I.C.S., Collector and Guardian, Vizianagram.
To—the Chairman, Municipal Council, Vizianagram.
Dated—the 26th June 1899.
No.—271-A/Rev.

In reply to your letter No. 314 of 23rd March 1899, I have the honour to state that subject to the condition that all the estate buildings in this Municipality will permanently be exempted from payment of water-taxes, I am prepared to recommend to Government that the estate should pay interest on half the cost of the water-supply scheme to this town, not exceeding one and half lakhs of rupees, for such a term of years as the Government may be pleased to fix for the liquidation of the principal and interest of such loan, by annual payments made by the Samasthanam to the Municipality.

In such an arrangement, the Municipality will borrow the amount from Government and the estate will guarantee liquidation of this amount on the terms above named.

2. I may add that Her Highness the Maharani of Vizianagram has been pleased to approve of this arrangement, which is in conformity with the wishes of her late lamented son.

3. You will, of course, understand that the offer now made is subject to the sanction of Government. I shall be glad if you will lay the matter before the Municipal Council and forward me its resolution. If the offer is found acceptable, I shall address Government and obtain its orders in regard to the proposal.

Extract from the Proceedings of the Municipal Council, Vizianagram, dated 12th August 1899.

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Read Proceedings of the Madras Government, dated 16th December 1898, Mis. No. 2170 M.

Read letter from the Collector and Guardian of the Vizianagram Samasthanam, dated the 26th June last, No. 271-A, stating that he is prepared to recommend to Government that the estate should pay interest on half the cost of water-supply scheme to the town, not exceeding one and half lakhs of rupees, for such term of years as the Government may be pleased to fix for the liquidation of the principal and interest, subject to the condition that all the estate buildings in the Municipality will permanently be exempted from payment of water-taxes and requesting the Council to forward its resolution on the subject.

Resolution No. 1.—The Council unanimously resolves to gratefully accept the liberal offer of the Collector and Guardian of the Vizianagram Samasthanam to liquidate the loan of half the cost of the water scheme not exceeding a lakh and a half rupees subject to the conditions specified in his letter. The Council thinks that with this offer as well as the equally liberal offer of the Government to contribute a moiety of the estimated cost and advance the balance from Provincial funds it will be in a position to undertake the scheme and proposes to levy, with the sanction of Government, a water-tax at 8 per cent. on the estimated annual rent value of buildings other than those belonging to the Samasthanam, so as to meet the pumping and other charges to as much an extent as possible. Resolved further that the Council do place on record its deep sense of obligation and gratitude to the Government and Her Highness the Maharani of Vizianagram for their liberal offers.

* * * * *

Endt. on S.C. No. 1176, *dated 29th August* 1899.

Forwarded through the Collector, Vizagapatam.

If the offer of the Vizianagram Samasthanam is accepted, there should be no difficulty in financing the scheme.

W. W. Phillips,
Ag. Principal Assistant Collector.

Endt. on C. No. 2511, *dated* 31*st August* 1899.

Forwarded.

W. O. Horne,
Collector.

Order—No. 1652 M., dated 10th November 1899.

The Government does not consider that the Municipal Council of Vizianagram can undertake the scheme for the water-supply of the town recommended by the Sanitary Board, unless the Vizianagram estate contributes a moiety of the initial cost. The Government does not think it advisable that the Council should accept the contribution promised by the Maharani on the terms stated in the correspondence, and therefore the question of undertaking the work must be postponed until the Maharaja comes of age and is ready to give such assistance as may be needed for financing the scheme.

(True Extract.)

M. Hammick,
Ag. Secretary to Government.

To the Chairman, Municipal Council, Vizianagram.
,, Collector of Vizagapatam.
,, Sanitary Board.
,, ,, Commissioner.
,, ,, Engineer.

Government of Madras.

LOCAL AND MUNICIPAL DEPARTMENT.

MISCELLANEOUS.

Read. — *Enclosures*

1899.

Regd. — *Spare copies*

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Water-supply.

Stating that the Government does not consider that the Municipal Council of Vizianagram can undertake the scheme for the — of the town unless the Vizianagram estate contributes a moiety of the cost and that the question of undertaking the work must be postponed until the Maharaja comes of age and is ready to give such assistance as may be needed for financing the scheme.

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* *Vide* G.O., No. 2310 W., dated 6th September 1898.

2. I, therefore, recommend that Government be apprised of this in the Local and Municipal Department, so that if the estimate be finally sanctioned in that department the sanction may be accorded subject to further scrutiny of the rates.

A. W. Smart, Col., R.E.,
Ag. President, Sanitary Board.

Resolution—No. 79/S., dated 1st March 1899.

The note of the President read above will be submitted to Government with reference to G.O., Mis. No. 2170 M., dated 16th December 1898.

(True Extract.)

R. Parsons,
Secretary, Sanitary Board.

To the Secretary to Government, Local and Municipal Department,
with a copy of G.O., No. 2310 W., dated 6th September 1898.

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Letter—from M.R.Ry. V. Venkatraya Sastri Garu, Chairman, Municipal Council, Vizianagram.
To—the Secretary to Government, Local and Municipal Department (through the Revenue Divisional officer).
Dated—the 25th August 1899.
No.—513-C.

With reference to G.O., Mis. No. 2170 M., dated 16th December last, forwarding, for the Council's remarks, the plans and estimates and the Proceedings of the Sanitary Board in connection with the water-supply scheme to the town of Vizianagram, and requesting the Municipal Council to ascertain and report whether the contribution promised by the late Maharaja will now be realised, I have the honour to forward herewith copy of the Proceedings of the Municipal Council held on the 12th instant and the letter of the Collector and Guardian of the Vizianagram Samasthanam, dated 26th June 1899, No. 271, for the information and approval of the Government.

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3. The infiltration trench, which is estimated to cost Rs. 10,500, is proposed to be dug in order to test the nature of the yield. The Council considers that this is the vital point of the whole scheme and trusts it will prove that there will be a sufficient supply of water in all seasons of the year, regard being had to the previous experience obtained by a daily record kept of the depth of water flowing over the weir board fixed on the upper anicut of Ootagedda successively for three months in the driest season of 1898 which produced satisfactory results.

4. The average quantity required for the consumption of the towns-people taken at 15 gallons per head is estimated to be 6,00,000 gallons a day on a population of 40,000 souls. The daily average flow of the water thus gauged being (2″ × 24″) over the board, the yield may be estimated at 1,846,000 gallons a day which is above the required quantity.

5. The chemical analysis also shows that the water of the flowing river as well as that of wells dug in its bed is pure and fit for drinking purposes.

6. The annual cost of pumping is, in the opinion of the Council, rather overestimated taking into consideration the local rates of wages paid to persons employed on similar works and the price of fuel in the place. On an information obtained of the actual charges incurred by the Dindigul Municipality (population 20,000) for the maintenance of a pumping station where the cost did not exceed Rs. 1,836 or Rs. 1,900 a year, it cannot be estimated that it would cost here more than double that amount, viz., Rs. 3,800 or Rs. 4,000 in round numbers actually.

7. The question of settling the compensation need not engage the Government till the scheme is found to actually stand the test of the supply into the infiltration gallery proposed to be dug. The ground selected for the trench is not an arable land, but one of gravel and small stones the acquisition of which will not, in my opinion, be difficult if at all an acquisition is necessary.

8. With reference to paragraph 2 of the order, I beg to inform you that the Council considers the project to be the best in every way and the cheapest that it could think of, and hopes that the scheme will prove a success and relieve the public of the distress they have so long felt in the matter of a good supply of pure drinking water. In obedience to the Government Order and in accordance with the wishes of the Council, I negotiated with the Samasthanam authorities who have agreed to fulfil the promise so generously made by the late lamented Maharaja subject to the conditions laid down by the Collector and Guardian in his letter No. 271, dated 26th June last.

9. The Council most thankfully accepts the offer of Government to contribute half the cost of the scheme and feels equally thankful to Her Highness the Maharani Sahiba for the liberal offer now made, supported by the good advice of the Collector and Guardian, and requests that the Government will be pleased to approve the resolution of the Council in borrowing one and a half lakhs of rupees from the Samastanam

authorities under the conditions laid in the Collector and Guardian's letter above quoted, to be supplemented to a similar amount which the Government is pleased to make a grant of, towards the cost of the scheme.

10. In the event of Government sanctioning the loan which the Municipality proposes, the Council shall have to levy a water-rate at 8 per cent. on all buildings and lands within the Municipality other than those belonging to the Samastanam, in order to enable it to meet the cost of maintaining the works. The marginally-noted figures will give detailed information as to how the money thus raised will be spent. The amount which the Government may be pleased to advance will be liquidated with interest at 4 per cent. in 20 years by the Samasthanam on condition that its buildings are exempted from paying water-tax.

	Rs.
Average actual collections under tax on buildings and lands at 7½ per cent.	9,968
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Amount of water-rate available for expenses ..	7,433
Amount to be met from other sources ..	1,567
Amount required for the maintenance of pumping station annually	9,000

II. In conclusion, the Council most earnestly requests that the Government be pleased to sanction the proposals made for carrying out the scheme, viz.—

(1) to make a grant of half the cost of the water scheme;

(2) to permit the Council to raise a loan from Provincial funds, the liquidation of which is guaranteed by the Samasthanam as shown in the letter No. 271 of 26th June 1899 of the Collector and Guardian;

(3) to sanction the levy of water-tax on buildings and lands within the Municipality and to allow the Council to exempt the tax on Samasthanam buildings;

(4) to advance the sum of Rs. 10,500 required for the excavation of the trench for the infiltration gallery;

(5) to order the acquisition of the land required for the gallery, if necessary.

12. The Municipal Council wishes to take up the work at once and would like to see that the work is actually commenced during the next winter, a favourable season for earthworks. Meanwhile the necessary preliminaries may be adopted.

13. The delay in replying to the above proceedings was due to the fact that Her Highness the Maharani Sahiba was absent from the place, and nothing could be settled until Her Highness' return to Vizianagram. I therefore most earnestly beg that the Government will be pleased to pass early orders on the subject so that the work may be taken up before long.

The plans, estimates and other papers connected with the subject are herewith returned as directed.

ENCLOSURES.

Letter—from H. F. W. GILLMAN, Esq., I.C.S., Collector and Guardian, Vizianagram.
To—the Chairman, Municipal Council, Vizianagram.
Dated—the 26th June 1899.
No.—271-A/Rev.

In reply to your letter No. 314 of 23rd March 1899, I have the honour to state that subject to the condition that all the estate buildings in this Municipality will permanently be exempted from payment of water-taxes, I am prepared to recommend to Government that the estate should pay interest on half the cost of the water-supply scheme to this town, not exceeding one and half lakhs of rupees, for such a term of years as the Government may be pleased to fix for the liquidation of the principal and interest of such loan, by annual payments made by the Samasthanam to the Municipality.

In such an arrangement, the Municipality will borrow the amount from Government and the estate will guarantee liquidation of this amount on the terms above named.

2. I may add that Her Highness the Maharani of Vizianagram has been pleased to approve of this arrangement, which is in conformity with the wishes of her late lamented son.

3. You will, of course, understand that the offer now made is subject to the sanction of Government. I shall be glad if you will lay the matter before the Municipal Council and forward me its resolution. If the offer is found acceptable, I shall address Government and obtain its orders in regard to the proposal.

Extract from the Proceedings of the Municipal Council, Vizianagram, dated 12th August 1899.

* * * * *

Read Proceedings of the Madras Government, dated 16th December 1898, Mis. No. 2170 M.

Read letter from the Collector and Guardian of the Vizianagram Samasthanam, dated the 26th June last, No. 271-A, stating that he is prepared to recommend to Government that the estate should pay interest on half the cost of water-supply scheme to the town, not exceeding one and half lakhs of rupees, for such term of years as the Government may be pleased to fix for the liquidation of the principal and interest, subject to the condition that all the estate buildings in the Municipality will permanently be exempted from payment of water-taxes and requesting the Council to forward its resolution on the subject.

Resolution No. 1.—The Council unanimously resolves to gratefully accept the liberal offer of the Collector and Guardian of the Vizianagram Samasthanam to liquidate the loan of half the cost of the water scheme not exceeding a lakh and a half rupees subject to the conditions specified in his letter. The Council thinks that with this offer as well as the equally liberal offer of the Government to contribute a moiety of the estimated cost and advance the balance from Provincial funds it will be in a position to undertake the scheme and proposes to levy, with the sanction of Government, a water-tax at 8 per cent. on the estimated annual rent value of buildings other than those belonging to the Samasthanam, so as to meet the pumping and other charges to as much an extent as possible. Resolved further that the Council do place on record its deep sense of obligation and gratitude to the Government and Her Highness the Maharani of Vizianagram for their liberal offers.

* * * * *

Endt. on S.C. No. 1176, *dated 29th August* 1899.

Forwarded through the Collector, Vizagapatam.

If the offer of the Vizianagram Samasthanam is accepted, there should be no difficulty in financing the scheme.

W. W. PHILLIPS,
Ag. Principal Assistant Collector.

Endt. on C. No. 2511, *dated* 31*st August* 1899.

Forwarded.

W. O. HORNE,
Collector.

Order—No. 1652 M., dated 10th November 1899.

The Government does not consider that the Municipal Council of Vizianagram can undertake the scheme for the water-supply of the town recommended by the Sanitary Board, unless the Vizianagram estate contributes a moiety of the initial cost. The Government does not think it advisable that the Council should accept the contribution promised by the Maharani on the terms stated in the correspondence, and therefore the question of undertaking the work must be postponed until the Maharaja comes of age and is ready to give such assistance as may be needed for financing the scheme.

(True Extract.)

M. HAMMICK,
Ag. Secretary to Government.

To the Chairman, Municipal Council, Vizianagram.
" Collector of Vizagapatam.
" Sanitary Board.
" " Commissioner.
" " Engineer.

Government of Madras.

LOCAL AND MUNICIPAL DEPARTMENT.

MISCELLANEOUS.

Read. — *Enclosures*

1899.

Regd. — *Spare copies*

G.O., No. 1652 M., 10th November 1899.

Water-supply.

Stating that the Government does not consider that the Municipal Council of Vizianagram can undertake the scheme for the — of the town unless the Vizianagram estate contributes a moiety of the cost and that the question of undertaking the work must be postponed until the Maharaja comes of age and is ready to give such assistance as may be needed for financing the scheme.

GOVERNMENT OF MADRAS.

LOCAL AND MUNICIPAL DEPARTMENT.

Read—the following papers :—

I

G.O., No. 2170 M., dated 16th December 1898.

II

Proceedings of the Sanitary Board, No. 79/S., dated 1st March 1899.

Read—the following paper :—

Note by the President, Sanitary Board.

In Proceedings of the Sanitary Board, No. 556/S., dated 23rd September 1898, an estimate amounting to Rs. 2,82,000 for the Vizianagram water-supply project, prepared by the Acting Sanitary Engineer, Mr. Russel, was submitted to Government for orders. The rates in the estimate were, Mr. Russel informs me, based on the Public Works Department schedule of the Vizagapatam division. This schedule has since been found by the Chief Engineer to be "manifestly inaccurate*." The rates are understood to be too low. It is impossible to say how much the rates will have to be increased until the schedule of rates has been revised by the local officers, but the information will be obtained as soon as practicable.

Vide G.O., No. 2310 W., dated 6th September 1898.

2. I, therefore, recommend that Government be apprised of this in the Local and Municipal Department, so that if the estimate be finally sanctioned in that department the sanction may be accorded subject to further scrutiny of the rates.

A. W. Smart, Col., R.E.,
Ag. President, Sanitary Board.

Resolution—No. 79/S., dated 1st March 1899.

The note of the President read above will be submitted to Government with reference to G.O., Mis. No. 2170 M., dated 16th December 1898.

(True Extract.)

R. Parsons,
Secretary, Sanitary Board.

To the Secretary to Government, Local and Municipal Department,
with a copy of G.O., No. 2310 W., dated 6th September 1898.

III

Letter—from M.R.Ry. V. Venkatraya Sastri Garu, Chairman, Municipal Council, Vizianagram.
To—the Secretary to Government, Local and Municipal Department (through the Revenue Divisional officer).
Dated—the 25th August 1899.
No.—513-C.

With reference to G.O., Mis. No. 2170 M., dated 16th December last, forwarding, for the Council's remarks, the plans and estimates and the Proceedings of the Sanitary Board in connection with the water-supply scheme to the town of Vizianagram, and requesting the Municipal Council to ascertain and report whether the contribution promised by the late Maharaja will now be realised, I have the honour to forward herewith copy of the Proceedings of the Municipal Council held on the 12th instant and the letter of the Collector and Guardian of the Vizianagram Samasthanam, dated 26th June 1899, No. 271, for the information and approval of the Government.

2. With reference to paragraph 1 of the order under reply, I beg to submit that the Council entirely agrees with the views of the Sanitary Board in selecting the Ootagedda scheme in preference to others for reasons stated by the Board in paragraph 3 of its proceedings, dated 23rd September 1898, No. 556/S.

3. The infiltration trench, which is estimated to cost Rs. 10,500, is proposed to be dug in order to test the nature of the yield. The Council considers that this is the vital point of the whole scheme and trusts it will prove that there will be a sufficient supply of water in all seasons of the year, regard being had to the previous experience obtained by a daily record kept of the depth of water flowing over the weir board fixed on the upper anicut of Ootagedda successively for three months in the driest season of 1898 which produced satisfactory results.

4. The average quantity required for the consumption of the towns-people taken at 15 gallons per head is estimated to be 6,00,000 gallons a day on a population of 40,000 souls. The daily average flow of the water thus gauged being (2″ × 24″) over the board, the yield may be estimated at 1,846,000 gallons a day which is above the required quantity.

5. The chemical analysis also shows that the water of the flowing river as well as that of wells dug in its bed is pure and fit for drinking purposes.

6. The annual cost of pumping is, in the opinion of the Council, rather overestimated taking into consideration the local rates of wages paid to persons employed on similar works and the price of fuel in the place. On an information obtained of the actual charges incurred by the Dindigul Municipality (population 20,000) for the maintenance of a pumping station where the cost did not exceed Rs. 1,836 or Rs. 1,900 a year, it cannot be estimated that it would cost here more than double that amount, viz., Rs. 3,800 or Rs. 4,000 in round numbers actually.

7. The question of settling the compensation need not engage the Government till the scheme is found to actually stand the test of the supply into the infiltration gallery proposed to be dug. The ground selected for the trench is not an arable land, but one of gravel and small stones the acquisition of which will not, in my opinion, be difficult if at all an acquisition is necessary.

8. With reference to paragraph 2 of the order, I beg to inform you that the Council considers the project to be the best in every way and the cheapest that it could think of, and hopes that the scheme will prove a success and relieve the public of the distress they have so long felt in the matter of a good supply of pure drinking water. In obedience to the Government Order and in accordance with the wishes of the Council, I negotiated with the Samasthanam authorities who have agreed to fulfil the promise so generously made by the late lamented Maharaja subject to the conditions laid down by the Collector and Guardian in his letter No. 271, dated 26th June last.

9. The Council most thankfully accepts the offer of Government to contribute half the cost of the scheme and feels equally thankful to Her Highness the Maharani Sahiba for the liberal offer now made, supported by the good advice of the Collector and Guardian, and requests that the Government will be pleased to approve the resolution of the Council in borrowing one and a half lakhs of rupees from the Samastanam

authorities under the conditions laid in the Collector and Guardian's letter above quoted, to be supplemented to a similar amount which the Government is pleased to make a grant of, towards the cost of the scheme.

10. In the event of Government sanctioning the loan which the Municipality proposes, the Council shall have to levy a water-rate at 8 per cent. on all buildings and lands within the Municipality other than those belonging to the Samastanam, in order to enable it to meet the cost of maintaining the works. The marginally-noted figures will give detailed information as to how the money thus raised will be spent. The amount which the Government may be pleased to advance will be liquidated with interest at 4 per cent. in 20 years by the Samasthanam on condition that its buildings are exempted from paying water-tax.

	Rs.
Average actual collections under tax on buildings and lands at 7½ per cent.	9,968
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Amount of water-rate available for expenses ..	7,433
Amount to be met from other sources ..	1,567
Amount required for the maintenance of pumping station annually	9,000

11. In conclusion, the Council most earnestly requests that the Government be pleased to sanction the proposals made for carrying out the scheme, viz.—

(1) to make a grant of half the cost of the water scheme;

(2) to permit the Council to raise a loan from Provincial funds, the liquidation of which is guaranteed by the Samasthanam as shown in the letter No. 271 of 26th June 1899 of the Collector and Guardian;

(3) to sanction the levy of water-tax on buildings and lands within the Municipality and to allow the Council to exempt the tax on Samasthanam buildings;

(4) to advance the sum of Rs. 10,500 required for the excavation of the trench for the infiltration gallery;

(5) to order the acquisition of the land required for the gallery, if necessary.

12. The Municipal Council wishes to take up the work at once and would like to see that the work is actually commenced during the next winter, a favourable season for earthworks. Meanwhile the necessary preliminaries may be adopted.

13. The delay in replying to the above proceedings was due to the fact that Her Highness the Maharani Sahiba was absent from the place, and nothing could be settled until Her Highness' return to Vizianagram. I therefore most earnestly beg that the Government will be pleased to pass early orders on the subject so that the work may be taken up before long.

The plans, estimates and other papers connected with the subject are herewith returned as directed.

Enclosures.

Letter—from H. F. W. Gillman, Esq., I.C.S., Collector and Guardian, Vizianagram.
To—the Chairman, Municipal Council, Vizianagram.
Dated—the 26th June 1899.
No.—271-A/Rev.

In reply to your letter No. 314 of 23rd March 1899, I have the honour to state that subject to the condition that all the estate buildings in this Municipality will permanently be exempted from payment of water-taxes, I am prepared to recommend to Government that the estate should pay interest on half the cost of the water-supply scheme to this town, not exceeding one and half lakhs of rupees, for such a term of years as the Government may be pleased to fix for the liquidation of the principal and interest of such loan, by annual payments made by the Samasthanam to the Municipality.

In such an arrangement, the Municipality will borrow the amount from Government and the estate will guarantee liquidation of this amount on the terms above named.

2. I may add that Her Highness the Maharani of Vizianagram has been pleased to approve of this arrangement, which is in conformity with the wishes of her late lamented son.

3. You will, of course, understand that the offer now made is subject to the sanction of Government. I shall be glad if you will lay the matter before the Municipal Council and forward me its resolution. If the offer is found acceptable, I shall address Government and obtain its orders in regard to the proposal.

Extract from the Proceedings of the Municipal Council, Vizianagram, dated 12th August 1899.

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Read Proceedings of the Madras Government, dated 16th December 1898, Mi. No. 2170 M.

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Resolution No. 1.—The Council unanimously resolves to gratefully accept the liberal offer of the Collector and Guardian of the Vizianagram Samasthanam to liquidate the loan of half the cost of the water scheme not exceeding a lakh and a half rupees subject to the conditions specified in his letter. The Council thinks that with this offer as well as the equally liberal offer of the Government to contribute a moiety of the estimated cost and advance the balance from Provincial funds it will be in a position to undertake the scheme and proposes to levy, with the sanction of Government, a water-tax at 8 per cent. on the estimated annual rent value of buildings other than those belonging to the Samasthanam, so as to meet the pumping and other charges to as much an extent as possible. Resolved further that the Council do place on record its deep sense of obligation and gratitude to the Government and Her Highness the Maharani of Vizianagram for their liberal offers.

* * * * *

Endt. on S.C. No. 1176, *dated* 29*th August* 1899.

Forwarded through the Collector, Vizagapatam.

If the offer of the Vizianagram Samasthanam is accepted, there should be no difficulty in financing the scheme.

W. W. Phillips,
Ag. Principal Assistant Collector.

Endt. on C. No. 2511, *dated* 31*st August* 1899.

Forwarded.

W. O. Horne,
Collector.

Order—No. 1652 M., dated 10th November 1899.

The Government does not consider that the Municipal Council of Vizianagram can undertake the scheme for the water-supply of the town recommended by the Sanitary Board, unless the Vizianagram estate contributes a moiety of the initial cost. The Government does not think it advisable that the Council should accept the contribution promised by the Maharani on the terms stated in the correspondence, and therefore the question of undertaking the work must be postponed until the Maharaja comes of age and is ready to give such assistance as may be needed for financing the scheme.

(True Extract.)

M. Hammick,
Ag. Secretary to Government.

To the Chairman, Municipal Council, Vizianagram.
" Collector of Vizagapatam.
" Sanitary Board.
" " Commissioner.
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Government of Madras.

LOCAL AND MUNICIPAL DEPARTMENT.

MISCELLANEOUS.

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In Proceedings of the Sanitary Board, No. 556/S., dated 23rd September 1898, an estimate amounting to Rs. 2,82,000 for the Vizianagram water-supply project, prepared by the Acting Sanitary Engineer, Mr. Russel, was submitted to Government for orders. The rates in the estimate were, Mr. Russel informs me, based on the Public Works Department schedule of the Vizagapatam division. This schedule has since been found by the Chief Engineer to be "manifestly inaccurate*." The rates are understood to be too low. It is impossible to say how much the rates will have to be increased until the schedule of rates has been revised by the local officers, but the information will be obtained as soon as practicable.

2. I, therefore, recommend that Government be apprised of this in the Local and Municipal Department, so that if the estimate be finally sanctioned in that department the sanction may be accorded subject to further scrutiny of the rates.

A. W. SMART, Col., R.E.,
Ag. President, Sanitary Board.

Vide G.O., No. 2310 W., dated 6th September 1898.

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(True Extract.)

R. PARSONS,
Secretary, Sanitary Board.

To the Secretary to Government, Local and Municipal Department,
with a copy of G.O., No. 2310 W., dated 6th September 1898.

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Letter—from M.R.Ry. V. VENKATRAYA SASTRI Garu, Chairman, Municipal Council, Vizianagram.
To—the Secretary to Government, Local and Municipal Department (through the Revenue Divisional officer).
Dated—the 25th August 1899.
No.—513-C.

With reference to G.O., Mis. No. 2170 M., dated 16th December last, forwarding, for the Council's remarks, the plans and estimates and the Proceedings of the Sanitary Board in connection with the water-supply scheme to the town of Vizianagram, and requesting the Municipal Council to ascertain and report whether the contribution promised by the late Maharaja will now be realised, I have the honour to forward herewith copy of the Proceedings of the Municipal Council held on the 12th instant and the letter of the Collector and Guardian of the Vizianagram Samasthanam, dated 26th June 1899, No. 271, for the information and approval of the Government.

2. With reference to paragraph 1 of the order under reply, I beg to submit that the Council entirely agrees with the views of the Sanitary Board in selecting the Ootagedda scheme in preference to others for reasons stated by the Board in paragraph 3 of its proceedings, dated 23rd September 1898, No. 556/S.

3. The infiltration trench, which is estimated to cost Rs. 10,500, is proposed to be dug in order to test the nature of the yield. The Council considers that this is the vital point of the whole scheme and trusts it will prove that there will be a sufficient supply of water in all seasons of the year, regard being had to the previous experience obtained by a daily record kept of the depth of water flowing over the weir board fixed on the upper anicut of Ootagedda successively for three months in the driest season of 1898 which produced satisfactory results.

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To—the Chairman, Municipal Council, Vizianagram.
Dated—the 26th June 1899.
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Read letter from the Collector and Guardian of the Vizianagram Samasthanam, dated the 26th June last, No. 271-A, stating that he is prepared to recommend to Government that the estate should pay interest on half the cost of water-supply scheme to the town, not exceeding one and half lakhs of rupees, for such term of years as the Government may be pleased to fix for the liquidation of the principal and interest, subject to the condition that all the estate buildings in the Municipality will permanently be exempted from payment of water-taxes and requesting the Council to forward its resolution on the subject.

Resolution No. 1.—The Council unanimously resolves to gratefully accept the liberal offer of the Collector and Guardian of the Vizianagram Samasthanam to liquidate the loan of half the cost of the water scheme not exceeding a lakh and a half rupees subject to the conditions specified in his letter. The Council thinks that with this offer as well as the equally liberal offer of the Government to contribute a moiety of the estimated cost and advance the balance from Provincial funds it will be in a position to undertake the scheme and proposes to levy, with the sanction of Government, a water-tax at 8 per cent. on the estimated annual rent value of buildings other than those belonging to the Samasthanam, so as to meet the pumping and other charges to as much an extent as possible. Resolved further that the Council do place on record its deep sense of obligation and gratitude to the Government and Her Highness the Maharani of Vizianagram for their liberal offers.

* * * * *

Endt. on S.C. No. 1176, *dated* 29*th August* 1899.

Forwarded through the Collector, Vizagapatam.

If the offer of the Vizianagram Samasthanam is accepted, there should be no difficulty in financing the scheme.

W. W. PHILLIPS,
Ag. Principal Assistant Collector.

Endt. on C. No. 2511, *dated* 31*st August* 1899.

Forwarded.

W. O. HORNE,
Collector.

Order—No. 1652 M., dated 10th November 1899.

The Government does not consider that the Municipal Council of Vizianagram can undertake the scheme for the water-supply of the town recommended by the Sanitary Board, unless the Vizianagram estate contributes a moiety of the initial cost. The Government does not think it advisable that the Council should accept the contribution promised by the Maharani on the terms stated in the correspondence, and therefore the question of undertaking the work must be postponed until the Maharaja comes of age and is ready to give such assistance as may be needed for financing the scheme.

(True Extract.)

M. HAMMICK,
Ag. Secretary to Government.

To the Chairman, Municipal Council, Vizianagram.
,, Collector of Vizagapatam.
,, Sanitary Board.
,, ,, Commissioner.
,, ,, Engineer.

Government of Madras.

LOCAL AND MUNICIPAL DEPARTMENT.

MISCELLANEOUS.

Read. — *Enclosures*

1899.

Regd. — *Spare copies*

G.O., No. 1652 M., 10th November 1899.

Water-supply.

Stating that the Government does not consider that the Municipal Council of Vizianagram can undertake the scheme for the — of the town unless the Vizianagram estate contributes a moiety of the cost and that the question of undertaking the work must be postponed until the Maharaja comes of age and is ready to give such assistance as may be needed for financing the scheme.

GOVERNMENT OF MADRAS.

LOCAL AND MUNICIPAL DEPARTMENT.

Read—the following papers :—

I

G.O., No. 2170 M., dated 16th December 1898.

II

Proceedings of the Sanitary Board, No. 79/S., dated 1st March 1899.

Read—the following paper :—

Note by the President, Sanitary Board.

In Proceedings of the Sanitary Board, No. 556/S., dated 23rd September 1898, an estimate amounting to Rs. 2,82,000 for the Vizianagram water-supply project, prepared by the Acting Sanitary Engineer, Mr. Russel, was submitted to Government for orders. The rates in the estimate were, Mr. Russel informs me, based on the Public Works Department schedule of the Vizagapatam division. This schedule has since been found by the Chief Engineer to be "manifestly inaccurate*." The rates are understood to be too low. It is impossible to say how much the rates will have to be increased until the schedule of rates has been revised by the local officers, but the information will be obtained as soon as practicable.

* *Vide* G.O., No. 2310 W., dated 6th September 1898.

2. I, therefore, recommend that Government be apprised of this in the Local and Municipal Department, so that if the estimate be finally sanctioned in that department the sanction may be accorded subject to further scrutiny of the rates.

A. W. Smart, Col., R.E.,
Ag. President, Sanitary Board.

Resolution—No. 79/*S., dated* 1*st March* 1899.

The note of the President read above will be submitted to Government with reference to G.O., Mis. No. 2170 M., dated 16th December 1898.

(True Extract.)

R. Parsons,
Secretary, Sanitary Board.

To the Secretary to Government, Local and Municipal Department,
with a copy of G.O., No. 2310 W., dated 6th September 1898.

III

Letter—from M.R.Ry. V. Venkatraya Sastri Garu, Chairman, Municipal Council, Vizianagram.
To—the Secretary to Government, Local and Municipal Department (through the Revenue Divisional officer).
Dated—the 25th August 1899.
No.—513-C.

With reference to G.O., Mis. No. 2170 M., dated 16th December last, forwarding, for the Council's remarks, the plans and estimates and the Proceedings of the Sanitary Board in connection with the water-supply scheme to the town of Vizianagram, and requesting the Municipal Council to ascertain and report whether the contribution promised by the late Maharaja will now be realised, I have the honour to forward herewith copy of the Proceedings of the Municipal Council held on the 12th instant and the letter of the Collector and Guardian of the Vizianagram Samasthanam, dated 26th June 1899, No. 271, for the information and approval of the Government.

2. With reference to paragraph 1 of the order under reply, I beg to submit that the Council entirely agrees with the views of the Sanitary Board in selecting the Ootagedda scheme in preference to others for reasons stated by the Board in paragraph 3 of its proceedings, dated 23rd September 1898, No. 556/S.

3. The infiltration trench, which is estimated to cost Rs. 10,500, is proposed to be dug in order to test the nature of the yield. The Council considers that this is the vital point of the whole scheme and trusts it will prove that there will be a sufficient supply of water in all seasons of the year, regard being had to the previous experience obtained by a daily record kept of the depth of water flowing over the weir board fixed on the upper anicut of Ootagedda successively for three months in the driest season of 1898 which produced satisfactory results.

4. The average quantity required for the consumption of the towns-people taken at 15 gallons per head is estimated to be 6,00,000 gallons a day on a population of 40,000 souls. The daily average flow of the water thus gauged being (2″ × 24″) over the board, the yield may be estimated at 1,846,000 gallons a day which is above the required quantity.

5. The chemical analysis also shows that the water of the flowing river as well as that of wells dug in its bed is pure and fit for drinking purposes.

6. The annual cost of pumping is, in the opinion of the Council, rather overestimated taking into consideration the local rates of wages paid to persons employed on similar works and the price of fuel in the place. On an information obtained of the actual charges incurred by the Dindigul Municipality (population 20,000) for the maintenance of a pumping station where the cost did not exceed Rs. 1,836 or Rs. 1,900 a year, it cannot be estimated that it would cost here more than double that amount, viz., Rs. 3,800 or Rs. 4,000 in round numbers actually.

7. The question of settling the compensation need not engage the Government till the scheme is found to actually stand the test of the supply into the infiltration gallery proposed to be dug. The ground selected for the trench is not an arable land, but one of gravel and small stones the acquisition of which will not, in my opinion, be difficult if at all an acquisition is necessary.

8. With reference to paragraph 2 of the order, I beg to inform you that the Council considers the project to be the best in every way and the cheapest that it could think of, and hopes that the scheme will prove a success and relieve the public of the distress they have so long felt in the matter of a good supply of pure drinking water. In obedience to the Government Order and in accordance with the wishes of the Council, I negotiated with the Samasthanam authorities who have agreed to fulfil the promise so generously made by the late lamented Maharaja subject to the conditions laid down by the Collector and Guardian in his letter No. 271, dated 26th June last.

9. The Council most thankfully accepts the offer of Government to contribute half the cost of the scheme and feels equally thankful to Her Highness the Maharani Sahiba for the liberal offer now made, supported by the good advice of the Collector and Guardian, and requests that the Government will be pleased to approve the resolution of the Council in borrowing one and a half lakhs of rupees from the Samastanam

authorities under the conditions laid in the Collector and Guardian's letter above quoted, to be supplemented to a similar amount which the Government is pleased to make a grant of, towards the cost of the scheme.

10. In the event of Government sanctioning the loan which the Municipality proposes, the Council shall have to levy a water-rate at 8 per cent. on all buildings and lands within the Municipality other than those belonging to the Samastanam, in order to enable it to meet the cost of maintaining the works. The marginally-noted figures will give detailed information as to how the money thus raised will be spent. The amount which the Government may be pleased to advance will be liquidated with interest at 4 per cent. in 20 years by the Samasthanam on condition that its buildings are exempted from paying water-tax.

	Rs.
Average actual collections under tax on buildings and lands at 7½ per cent.	9,968
Estimated revenue collectable as water-rate at 8 per cent.	10,633
Deduct water-rate on Samasthaman buildings at 8 per cent.	3,200
Amount of water-rate available for expenses ..	7,433
Amount to be met from other sources ..	1,567
Amount required for the maintenance of pumping station annually	9,000

11. In conclusion, the Council most earnestly requests that the Government be pleased to sanction the proposals made for carrying out the scheme, viz.—

(1) to make a grant of half the cost of the water scheme;

(2) to permit the Council to raise a loan from Provincial funds, the liquidation of which is guaranteed by the Samasthanam as shown in the letter No. 271 of 26th June 1899 of the Collector and Guardian;

(3) to sanction the levy of water-tax on buildings and lands within the Municipality and to allow the Council to exempt the tax on Samasthanam buildings;

(4) to advance the sum of Rs. 10,500 required for the excavation of the trench for the infiltration gallery;

(5) to order the acquisition of the land required for the gallery, if necessary.

12. The Municipal Council wishes to take up the work at once and would like to see that the work is actually commenced during the next winter, a favourable season for earthworks. Meanwhile the necessary preliminaries may be adopted.

13. The delay in replying to the above proceedings was due to the fact that Her Highness the Maharani Sahiba was absent from the place, and nothing could be settled until Her Highness' return to Vizianagram. I therefore most earnestly beg that the Government will be pleased to pass early orders on the subject so that the work may be taken up before long.

The plans, estimates and other papers connected with the subject are herewith returned as directed.

Enclosures.

Letter—from H. F. W. Gillman, Esq., I.C.S., Collector and Guardian, Vizianagram.
To—the Chairman, Municipal Council, Vizianagram.
Dated—the 26th June 1899.
No.—271-A/Rev.

In reply to your letter No. 314 of 23rd March 1899, I have the honour to state that subject to the condition that all the estate buildings in this Municipality will permanently be exempted from payment of water-taxes, I am prepared to recommend to Government that the estate should pay interest on half the cost of the water-supply scheme to this town, not exceeding one and half lakhs of rupees, for such a term of years as the Government may be pleased to fix for the liquidation of the principal and interest of such loan, by annual payments made by the Samasthanam to the Municipality.

In such an arrangement, the Municipality will borrow the amount from Government and the estate will guarantee liquidation of this amount on the terms above named.

2. I may add that Her Highness the Maharani of Vizianagram has been pleased to approve of this arrangement, which is in conformity with the wishes of her late lamented son.

3. You will, of course, understand that the offer now made is subject to the sanction of Government. I shall be glad if you will lay the matter before the Municipal Council and forward me its resolution. If the offer is found acceptable, I shall address Government and obtain its orders in regard to the proposal.

Extract from the Proceedings of the Municipal Council, Vizianagram, dated 12th August 1899.

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* * * * *

Endt. on S.C. No. 1176, *dated* 29*th August* 1899.

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If the offer of the Vizianagram Samasthanam is accepted, there should be no difficulty in financing the scheme.

W. W. Phillips,
Ag. Principal Assistant Collector.

Endt. on C. No. 2511, *dated* 31*st August* 1899.

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Collector.

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The Government does not consider that the Municipal Council of Vizianagram can undertake the scheme for the water-supply of the town recommended by the Sanitary Board, unless the Vizianagram estate contributes a moiety of the initial cost. The Government does not think it advisable that the Council should accept the contribution promised by the Maharani on the terms stated in the correspondence, and therefore the question of undertaking the work must be postponed until the Maharaja comes of age and is ready to give such assistance as may be needed for financing the scheme.

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* * * * *

Endt. on S.C. No. 1176, *dated* 29*th August* 1899.

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W. W. Phillips,
Ag. Principal Assistant Collector.

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Collector.

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,, Collector of Vizagapatam.
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A. W. Smart, Col., R.E.,
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No.—513-C.

With reference to G.O., Mis. No. 2170 M., dated 16th December last, forwarding, for the Council's remarks, the plans and estimates and the Proceedings of the Sanitary Board in connection with the water-supply scheme to the town of Vizianagram, and requesting the Municipal Council to ascertain and report whether the contribution promised by the late Maharaja will now be realised, I have the honour to forward herewith copy of the Proceedings of the Municipal Council held on the 12th instant and the letter of the Collector and Guardian of the Vizianagram Samasthanam, dated 26th June 1899, No. 271, for the information and approval of the Government.

2. With reference to paragraph 1 of the order under reply, I beg to submit that the Council entirely agrees with the views of the Sanitary Board in selecting the Ootagedda scheme in preference to others for reasons stated by the Board in paragraph 3 of its proceedings, dated 23rd September 1898, No. 556/S.

3. The infiltration trench, which is estimated to cost Rs. 10,500, is proposed to be dug in order to test the nature of the yield. The Council considers that this is the vital point of the whole scheme and trusts it will prove that there will be a sufficient supply of water in all seasons of the year, regard being had to the previous experience obtained by a daily record kept of the depth of water flowing over the weir board fixed on the upper anicut of Ootagedda successively for three months in the driest season of 1898 which produced satisfactory results.

4. The average quantity required for the consumption of the towns-people taken at 15 gallons per head is estimated to be 6,00,000 gallons a day on a population of 40,000 souls. The daily average flow of the water thus gauged being (2″ × 24″) over the board, the yield may be estimated at 1,846,000 gallons a day which is above the required quantity.

5. The chemical analysis also shows that the water of the flowing river as well as that of wells dug in its bed is pure and fit for drinking purposes.

6. The annual cost of pumping is, in the opinion of the Council, rather overestimated taking into consideration the local rates of wages paid to persons employed on similar works and the price of fuel in the place. On an information obtained of the actual charges incurred by the Dindigul Municipality (population 20,000) for the maintenance of a pumping station where the cost did not exceed Rs. 1,836 or Rs. 1,900 a year, it cannot be estimated that it would cost here more than double that amount, viz., Rs. 3,800 or Rs. 4,000 in round numbers actually.

7. The question of settling the compensation need not engage the Government till the scheme is found to actually stand the test of the supply into the infiltration gallery proposed to be dug. The ground selected for the trench is not an arable land, but one of gravel and small stones the acquisition of which will not, in my opinion, be difficult if at all an acquisition is necessary.

8. With reference to paragraph 2 of the order, I beg to inform you that the Council considers the project to be the best in every way and the cheapest that it could think of, and hopes that the scheme will prove a success and relieve the public of the distress they have so long felt in the matter of a good supply of pure drinking water. In obedience to the Government Order and in accordance with the wishes of the Council, I negotiated with the Samasthanam authorities who have agreed to fulfil the promise so generously made by the late lamented Maharaja subject to the conditions laid down by the Collector and Guardian in his letter No. 271, dated 26th June last.

9. The Council most thankfully accepts the offer of Government to contribute half the cost of the scheme and feels equally thankful to Her Highness the Maharani Sahiba for the liberal offer now made, supported by the good advice of the Collector and Guardian, and requests that the Government will be pleased to approve the resolution of the Council in borrowing one and a half lakhs of rupees from the Samastanam

authorities under the conditions laid in the Collector and Guardian's letter above quoted, to be supplemented to a similar amount which the Government is pleased to make a grant of, towards the cost of the scheme.

10. In the event of Government sanctioning the loan which the Municipality proposes, the Council shall have to levy a water-rate at 8 per cent. on all buildings and lands within the Municipality other than those belonging to the Samastanam, in order to enable it to meet the cost of maintaining the works. The marginally-noted figures will give detailed information as to how the money thus raised will be spent. The amount which the Government may be pleased to advance will be liquidated with interest at 4 per cent. in 20 years by the Samasthanam on condition that its buildings are exempted from paying water-tax.

	Rs.
Average actual collections under tax on buildings and lands at 7½ per cent.	9,968
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Amount of water-rate available for expenses ..	7,433
Amount to be met from other sources ..	1,567
Amount required for the maintenance of pumping station annually	9,000

11. In conclusion, the Council most earnestly requests that the Government be pleased to sanction the proposals made for carrying out the scheme, viz.—

(1) to make a grant of half the cost of the water scheme;

(2) to permit the Council to raise a loan from Provincial funds, the liquidation of which is guaranteed by the Samasthanam as shown in the letter No. 271 of 26th June 1899 of the Collector and Guardian;

(3) to sanction the levy of water-tax on buildings and lands within the Municipality and to allow the Council to exempt the tax on Samasthanam buildings;

(4) to advance the sum of Rs. 10,500 required for the excavation of the trench for the infiltration gallery;

(5) to order the acquisition of the land required for the gallery, if necessary.

12. The Municipal Council wishes to take up the work at once and would like to see that the work is actually commenced during the next winter, a favourable season for earthworks. Meanwhile the necessary preliminaries may be adopted.

13. The delay in replying to the above proceedings was due to the fact that Her Highness the Maharani Sahiba was absent from the place, and nothing could be settled until Her Highness' return to Vizianagram. I therefore most earnestly beg that the Government will be pleased to pass early orders on the subject so that the work may be taken up before long.

The plans, estimates and other papers connected with the subject are herewith returned as directed.

ENCLOSURES.

Letter—from H. F. W. GILLMAN, Esq., I.C.S., Collector and Guardian, Vizianagram.
To—the Chairman, Municipal Council, Vizianagram.
Dated—the 26th June 1899.
No.—271-A/Rev.

In reply to your letter No. 314 of 23rd March 1899, I have the honour to state that subject to the condition that all the estate buildings in this Municipality will permanently be exempted from payment of water-taxes, I am prepared to recommend to Government that the estate should pay interest on half the cost of the water-supply scheme to this town, not exceeding one and half lakhs of rupees, for such a term of years as the Government may be pleased to fix for the liquidation of the principal and interest of such loan, by annual payments made by the Samasthanam to the Municipality.

In such an arrangement, the Municipality will borrow the amount from Government and the estate will guarantee liquidation of this amount on the terms above named.

2. I may add that Her Highness the Maharani of Vizianagram has been pleased to approve of this arrangement, which is in conformity with the wishes of her late lamented son.

3. You will, of course, understand that the offer now made is subject to the sanction of Government. I shall be glad if you will lay the matter before the Municipal Council and forward me its resolution. If the offer is found acceptable, I shall address Government and obtain its orders in regard to the proposal.

Extract from the Proceedings of the Municipal Council, Vizianagram, dated 12th August 1899.

* * * * * *

Read Proceedings of the Madras Government, dated 16th December 1898, Mis. No. 2170 M.

Read letter from the Collector and Guardian of the Vizianagram Samasthanam, dated the 26th June last, No. 271-A, stating that he is prepared to recommend to Government that the estate should pay interest on half the cost of water-supply scheme to the town, not exceeding one and half lakhs of rupees, for such term of years as the Government may be pleased to fix for the liquidation of the principal and interest, subject to the condition that all the estate buildings in the Municipality will permanently be exempted from payment of water-taxes and requesting the Council to forward its resolution on the subject.

Resolution No. 1.—The Council unanimously resolves to gratefully accept the liberal offer of the Collector and Guardian of the Vizianagram Samasthanam to liquidate the loan of half the cost of the water scheme not exceeding a lakh and a half rupees subject to the conditions specified in his letter. The Council thinks that with this offer as well as the equally liberal offer of the Government to contribute a moiety of the estimated cost and advance the balance from Provincial funds it will be in a position to undertake the scheme and proposes to levy, with the sanction of Government, a water-tax at 8 per cent. on the estimated annual rent value of buildings other than those belonging to the Samasthanam, so as to meet the pumping and other charges to as much an extent as possible. Resolved further that the Council do place on record its deep sense of obligation and gratitude to the Government and Her Highness the Maharani of Vizianagram for their liberal offers.

* * * * *

Endt. on S.C. No. 1176, *dated 29th August* 1899.

Forwarded through the Collector, Vizagapatam.

If the offer of the Vizianagram Samasthanam is accepted, there should be no difficulty in financing the scheme.

W. W. PHILLIPS,
Ag. Principal Assistant Collector.

Endt. on C. No. 2511, *dated 31st August* 1899.

Forwarded.

W. O. HORNE,
Collector.

Order—No. 1652 M., dated 10th November 1899.

The Government does not consider that the Municipal Council of Vizianagram can undertake the scheme for the water-supply of the town recommended by the Sanitary Board, unless the Vizianagram estate contributes a moiety of the initial cost. The Government does not think it advisable that the Council should accept the contribution promised by the Maharani on the terms stated in the correspondence, and therefore the question of undertaking the work must be postponed until the Maharaja comes of age and is ready to give such assistance as may be needed for financing the scheme.

(True Extract.)

M. HAMMICK,
Ag. Secretary to Government.

To the Chairman, Municipal Council, Vizianagram.
,, Collector of Vizagapatam.
,, Sanitary Board.
,, ,, Commissioner.
,, ,, Engineer.

Government of Madras.

LOCAL AND MUNICIPAL DEPARTMENT.

MISCELLANEOUS.

Read. — *Regd.* — 1899. — *Enclosures* — *Spare copies*

G.O., No. 1652 M., 10th November 1899.

Water-supply.

Stating that the Government does not consider that the Municipal Council of Vizianagram can undertake the scheme for the — of the town unless the Vizianagram estate contributes a moiety of the cost and that the question of undertaking the work must be postponed until the Maharaja comes of age and is ready to give such assistance as may be needed for financing the scheme.

GOVERNMENT OF MADRAS.

LOCAL AND MUNICIPAL DEPARTMENT.

Read—the following papers :—

I

G.O., No. 2170 M., dated 16th December 1898.

II

Proceedings of the Sanitary Board, No. 79/S., dated 1st March 1899.

Read—the following paper :—

Note by the President, Sanitary Board.

In Proceedings of the Sanitary Board, No. 556/S., dated 23rd September 1898, an estimate amounting to Rs. 2,82,000 for the Vizianagram water-supply project, prepared by the Acting Sanitary Engineer, Mr. Russel, was submitted to Government for orders. The rates in the estimate were, Mr. Russel informs me, based on the Public Works Department schedule of the Vizagapatam division. This schedule has since been found by the Chief Engineer to be "manifestly inaccurate*." The rates are understood to be too low. It is impossible to say how much the rates will have to be increased until the schedule of rates has been revised by the local officers, but the information will be obtained as soon as practicable.

* *Vide* G.O., No. 2310 W., dated 6th September 1898.

2. I, therefore, recommend that Government be apprised of this in the Local and Municipal Department, so that if the estimate be finally sanctioned in that department the sanction may be accorded subject to further scrutiny of the rates.

A. W. Smart, Col., R.E.,
Ag. President, Sanitary Board.

Resolution—No. 79/S., dated 1st March 1899.

The note of the President read above will be submitted to Government with reference to G.O., Mis. No. 2170 M., dated 16th December 1898.

(True Extract.)

R. Parsons,
Secretary, Sanitary Board.

To the Secretary to Government, Local and Municipal Department,
with a copy of G.O., No. 2310 W., dated 6th September 1898.

III

Letter—from M.R.Ry. V. Venkatraya Sastri Garu, Chairman, Municipal Council, Vizianagram.
To—the Secretary to Government, Local and Municipal Department (through the Revenue Divisional officer).
Dated—the 25th August 1899.
No.—513-C.

With reference to G.O., Mis. No. 2170 M., dated 16th December last, forwarding, for the Council's remarks, the plans and estimates and the Proceedings of the Sanitary Board in connection with the water-supply scheme to the town of Vizianagram, and requesting the Municipal Council to ascertain and report whether the contribution promised by the late Maharaja will now be realised, I have the honour to forward herewith copy of the Proceedings of the Municipal Council held on the 12th instant and the letter of the Collector and Guardian of the Vizianagram Samasthanam, dated 26th June 1899, No. 271, for the information and approval of the Government.

2. With reference to paragraph 1 of the order under reply, I beg to submit that the Council entirely agrees with the views of the Sanitary Board in selecting the Ootagedda scheme in preference to others for reasons stated by the Board in paragraph 3 of its proceedings, dated 23rd September 1898, No. 556/S.

3. The infiltration trench, which is estimated to cost Rs. 10,500, is proposed to be dug in order to test the nature of the yield. The Council considers that this is the vital point of the whole scheme and trusts it will prove that there will be a sufficient supply of water in all seasons of the year, regard being had to the previous experience obtained by a daily record kept of the depth of water flowing over the weir board fixed on the upper anicut of Ootagedda successively for three months in the driest season of 1898 which produced satisfactory results.

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5. The chemical analysis also shows that the water of the flowing river as well as that of wells dug in its bed is pure and fit for drinking purposes.

6. The annual cost of pumping is, in the opinion of the Council, rather overestimated taking into consideration the local rates of wages paid to persons employed on similar works and the price of fuel in the place. On an information obtained of the actual charges incurred by the Dindigul Municipality (population 20,000) for the maintenance of a pumping station where the cost did not exceed Rs. 1,836 or Rs. 1,900 a year, it cannot be estimated that it would cost here more than double that amount, viz., Rs. 3,800 or Rs. 4,000 in round numbers actually.

7. The question of settling the compensation need not engage the Government till the scheme is found to actually stand the test of the supply into the infiltration gallery proposed to be dug. The ground selected for the trench is not an arable land, but one of gravel and small stones the acquisition of which will not, in my opinion, be difficult if at all an acquisition is necessary.

8. With reference to paragraph 2 of the order, I beg to inform you that the Council considers the project to be the best in every way and the cheapest that it could think of, and hopes that the scheme will prove a success and relieve the public of the distress they have so long felt in the matter of a good supply of pure drinking water. In obedience to the Government Order and in accordance with the wishes of the Council, I negotiated with the Samasthanam authorities who have agreed to fulfil the promise so generously made by the late lamented Maharaja subject to the conditions laid down by the Collector and Guardian in his letter No. 271, dated 26th June last.

9. The Council most thankfully accepts the offer of Government to contribute half the cost of the scheme and feels equally thankful to Her Highness the Maharani Sahiba for the liberal offer now made, supported by the good advice of the Collector and Guardian, and requests that the Government will be pleased to approve the resolution of the Council in borrowing one and a half lakhs of rupees from the Samastanam

authorities under the conditions laid in the Collector and Guardian's letter above quoted, to be supplemented to a similar amount which the Government is pleased to make a grant of, towards the cost of the scheme.

10. In the event of Government sanctioning the loan which the Municipality proposes, the Council shall have to levy a water-rate at 8 per cent. on all buildings and lands within the Municipality other than those belonging to the Samastanam, in order to enable it to meet the cost of maintaining the works. The marginally-noted figures will give detailed information as to how the money thus raised will be spent. The amount which the Government may be pleased to advance will be liquidated with interest at 4 per cent. in 20 years by the Samasthanam on condition that its buildings are exempted from paying water-tax.

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11. In conclusion, the Council most earnestly requests that the Government be pleased to sanction the proposals made for carrying out the scheme, viz.—

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Enclosures.

Letter—from H. F. W. Gillman, Esq., I.C.S., Collector and Guardian, Vizianagram.
To—the Chairman, Municipal Council, Vizianagram.
Dated—the 26th June 1899.
No.—271-A/Rev.

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In such an arrangement, the Municipality will borrow the amount from Government and the estate will guarantee liquidation of this amount on the terms above named.

2. I may add that Her Highness the Maharani of Vizianagram has been pleased to approve of this arrangement, which is in conformity with the wishes of her late lamented son.

3. You will, of course, understand that the offer now made is subject to the sanction of Government. I shall be glad if you will lay the matter before the Municipal Council and forward me its resolution. If the offer is found acceptable, I shall address Government and obtain its orders in regard to the proposal.

Extract from the Proceedings of the Municipal Council, Vizianagram, dated 12th August 1899.

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* * * * *

Endt. on S.C. No. 1176, *dated 29th August* 1899.

Forwarded through the Collector, Vizagapatam.

If the offer of the Vizianagram Samasthanam is accepted, there should be no difficulty in financing the scheme.

W. W. Phillips,
Ag. Principal Assistant Collector.

Endt. on C. No. 2511, *dated* 31*st August* 1899.

Forwarded.

W. O. Horne,
Collector.

Order—No. 1652 M., dated 10th November 1899.

The Government does not consider that the Municipal Council of Vizianagram can undertake the scheme for the water-supply of the town recommended by the Sanitary Board, unless the Vizianagram estate contributes a moiety of the initial cost. The Government does not think it advisable that the Council should accept the contribution promised by the Maharani on the terms stated in the correspondence, and therefore the question of undertaking the work must be postponed until the Maharaja comes of age and is ready to give such assistance as may be needed for financing the scheme.

(True Extract.)

M. Hammick,
Ag. Secretary to Government.

To the Chairman, Municipal Council, Vizianagram.
,, Collector of Vizagapatam.
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Government of Madras.

LOCAL AND MUNICIPAL DEPARTMENT.

MISCELLANEOUS.

Read. *Regd.* } 1899. *Enclosures* *Spare copies*

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2. I, therefore, recommend that Government be apprised of this in the Local and Municipal Department, so that if the estimate be finally sanctioned in that department the sanction may be accorded subject to further scrutiny of the rates.

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To—the Secretary to Government, Local and Municipal Department (through the Revenue Divisional officer).
Dated—the 25th August 1899.
No.—513-C.

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Enclosures.

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To—the Chairman, Municipal Council, Vizianagram.
Dated—the 26th June 1899.
No.—271-A/Rev.

In reply to your letter No. 314 of 23rd March 1899, I have the honour to state that subject to the condition that all the estate buildings in this Municipality will permanently be exempted from payment of water-taxes, I am prepared to recommend to Government that the estate should pay interest on half the cost of the water-supply scheme to this town, not exceeding one and half lakhs of rupees, for such a term of years as the Government may be pleased to fix for the liquidation of the principal and interest of such loan, by annual payments made by the Samasthanam to the Municipality.

In such an arrangement, the Municipality will borrow the amount from Government and the estate will guarantee liquidation of this amount on the terms above named.

2. I may add that Her Highness the Maharani of Vizianagram has been pleased to approve of this arrangement, which is in conformity with the wishes of her late lamented son.

3. You will, of course, understand that the offer now made is subject to the sanction of Government. I shall be glad if you will lay the matter before the Municipal Council and forward me its resolution. If the offer is found acceptable, I shall address Government and obtain its orders in regard to the proposal.

Extract from the Proceedings of the Municipal Council, Vizianagram, dated 12th August 1899.

* * * * *

Read Proceedings of the Madras Government, dated 16th December 1898, Mis. No. 2170 M.

Read letter from the Collector and Guardian of the Vizianagram Samasthanam, dated the 26th June last, No. 271-A, stating that he is prepared to recommend to Government that the estate should pay interest on half the cost of water-supply scheme to the town, not exceeding one and half lakhs of rupees, for such term of years as the Government may be pleased to fix for the liquidation of the principal and interest, subject to the condition that all the estate buildings in the Municipality will permanently be exempted from payment of water-taxes and requesting the Council to forward its resolution on the subject.

Resolution No. 1.—The Council unanimously resolves to gratefully accept the liberal offer of the Collector and Guardian of the Vizianagram Samasthanam to liquidate the loan of half the cost of the water scheme not exceeding a lakh and a half rupees subject to the conditions specified in his letter. The Council thinks that with this offer as well as the equally liberal offer of the Government to contribute a moiety of the estimated cost and advance the balance from Provincial funds it will be in a position to undertake the scheme and proposes to levy, with the sanction of Government, a water-tax at 8 per cent. on the estimated annual rent value of buildings other than those belonging to the Samasthanam, so as to meet the pumping and other charges to as much an extent as possible. Resolved further that the Council do place on record its deep sense of obligation and gratitude to the Government and Her Highness the Maharani of Vizianagram for their liberal offers.

* * * * *

Endt. on S.C. No. 1176, *dated* 29*th August* 1899.

Forwarded through the Collector, Vizagapatam.

If the offer of the Vizianagram Samasthanam is accepted, there should be no difficulty in financing the scheme.

W. W. Phillips,
Ag. Principal Assistant Collector.

Endt. on C. No. 2511, *dated* 31*st August* 1899.

Forwarded.

W. O. Horne,
Collector.

Order—No. 1652 M., dated 10th November 1899.

The Government does not consider that the Municipal Council of Vizianagram can undertake the scheme for the water-supply of the town recommended by the Sanitary Board, unless the Vizianagram estate contributes a moiety of the initial cost. The Government does not think it advisable that the Council should accept the contribution promised by the Maharani on the terms stated in the correspondence, and therefore the question of undertaking the work must be postponed until the Maharaja comes of age and is ready to give such assistance as may be needed for financing the scheme.

(True Extract.)

M. Hammick,
Ag. Secretary to Government.

To the Chairman, Municipal Council, Vizianagram.
,, Collector of Vizagapatam.
,, Sanitary Board.
,, ,, Commissioner.
,, ,, Engineer.

Government of Madras.

LOCAL AND MUNICIPAL DEPARTMENT.

MISCELLANEOUS.

Read.
Regd.
} 1899.
Enclosures
Spare copies

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Water-supply.

Stating that the Government does not consider that the Municipal Council of Vizianagram can undertake the scheme for the — of the town unless the Vizianagram estate contributes a moiety of the cost and that the question of undertaking the work must be postponed until the Maharaja comes of age and is ready to give such assistance as may be needed for financing the scheme.

GOVERNMENT OF MADRAS.

LOCAL AND MUNICIPAL DEPARTMENT.

Read—the following papers :—

I

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II

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Read—the following paper :—

Note by the President, Sanitary Board.

In Proceedings of the Sanitary Board, No. 556/S., dated 23rd September 1898, an estimate amounting to Rs. 2,82,000 for the Vizianagram water-supply project, prepared by the Acting Sanitary Engineer, Mr. Russel, was submitted to Government for orders. The rates in the estimate were, Mr. Russel informs me, based on the Public Works Department schedule of the Vizagapatam division. This schedule has since been found by the Chief Engineer to be "manifestly inaccurate*." The rates are understood to be too low. It is impossible to say how much the rates will have to be increased until the schedule of rates has been revised by the local officers, but the information will be obtained as soon as practicable.

* *Vide* G.O., No. 2310 W., dated 6th September 1898.

2. I, therefore, recommend that Government be apprised of this in the Local and Municipal Department, so that if the estimate be finally sanctioned in that department the sanction may be accorded subject to further scrutiny of the rates.

A. W. Smart, Col., R.E.,
Ag. President, Sanitary Board.

Resolution—No. 79/S., dated 1st March 1899.

The note of the President read above will be submitted to Government with reference to G.O., Mis. No. 2170 M., dated 16th December 1898.

(True Extract.)

R. Parsons,
Secretary, Sanitary Board.

To the Secretary to Government, Local and Municipal Department,
with a copy of G.O., No. 2310 W., dated 6th September 1898.

III

Letter—from M.R.Ry. V. Venkatraya Sastri Garu, Chairman, Municipal Council, Vizianagram.
To—the Secretary to Government, Local and Municipal Department (through the Revenue Divisional officer).
Dated—the 25th August 1899.
No.—513-C.

With reference to G.O., Mis. No. 2170 M., dated 16th December last, forwarding, for the Council's remarks, the plans and estimates and the Proceedings of the Sanitary Board in connection with the water-supply scheme to the town of Vizianagram, and requesting the Municipal Council to ascertain and report whether the contribution promised by the late Maharaja will now be realised, I have the honour to forward herewith copy of the Proceedings of the Municipal Council held on the 12th instant and the letter of the Collector and Guardian of the Vizianagram Samasthanam, dated 26th June 1899, No. 271, for the information and approval of the Government.

2. With reference to paragraph 1 of the order under reply, I beg to submit that the Council entirely agrees with the views of the Sanitary Board in selecting the Ootagedda scheme in preference to others for reasons stated by the Board in paragraph 3 of its proceedings, dated 23rd September 1898, No. 556/S.

3. The infiltration trench, which is estimated to cost Rs. 10,500, is proposed to be dug in order to test the nature of the yield. The Council considers that this is the vital point of the whole scheme and trusts it will prove that there will be a sufficient supply of water in all seasons of the year, regard being had to the previous experience obtained by a daily record kept of the depth of water flowing over the weir board fixed on the upper anicut of Ootagedda successively for three months in the driest season of 1898 which produced satisfactory results.

4. The average quantity required for the consumption of the towns-people taken at 15 gallons per head is estimated to be 6,00,000 gallons a day on a population of 40,000 souls. The daily average flow of the water thus gauged being (2″ × 24″) over the board, the yield may be estimated at 1,846,000 gallons a day which is above the required quantity.

5. The chemical analysis also shows that the water of the flowing river as well as that of wells dug in its bed is pure and fit for drinking purposes.

6. The annual cost of pumping is, in the opinion of the Council, rather overestimated taking into consideration the local rates of wages paid to persons employed on similar works and the price of fuel in the place. On an information obtained of the actual charges incurred by the Dindigul Municipality (population 20,000) for the maintenance of a pumping station where the cost did not exceed Rs. 1,836 or Rs. 1,900 a year, it cannot be estimated that it would cost here more than double that amount, viz., Rs. 3,800 or Rs. 4,000 in round numbers actually.

7. The question of settling the compensation need not engage the Government till the scheme is found to actually stand the test of the supply into the infiltration gallery proposed to be dug. The ground selected for the trench is not an arable land, but one of gravel and small stones the acquisition of which will not, in my opinion, be difficult if at all an acquisition is necessary.

8. With reference to paragraph 2 of the order, I beg to inform you that the Council considers the project to be the best in every way and the cheapest that it could think of, and hopes that the scheme will prove a success and relieve the public of the distress they have so long felt in the matter of a good supply of pure drinking water. In obedience to the Government Order and in accordance with the wishes of the Council, I negotiated with the Samasthanam authorities who have agreed to fulfil the promise so generously made by the late lamented Maharaja subject to the conditions laid down by the Collector and Guardian in his letter No. 271, dated 26th June last.

9. The Council most thankfully accepts the offer of Government to contribute half the cost of the scheme and feels equally thankful to Her Highness the Maharani Sahiba for the liberal offer now made, supported by the good advice of the Collector and Guardian, and requests that the Government will be pleased to approve the resolution of the Council in borrowing one and a half lakhs of rupees from the Samastanam

authorities under the conditions laid in the Collector and Guardian's letter above quoted, to be supplemented to a similar amount which the Government is pleased to make a grant of, towards the cost of the scheme.

10. In the event of Government sanctioning the loan which the Municipality proposes, the Council shall have to levy a water-rate at 8 per cent. on all buildings and lands within the Municipality other than those belonging to the Samastanam, in order to enable it to meet the cost of maintaining the works. The marginally-noted figures will give detailed information as to how the money thus raised will be spent. The amount which the Government may be pleased to advance will be liquidated with interest at 4 per cent. in 20 years by the Samasthanam on condition that its buildings are exempted from paying water-tax.

	Rs.
Average actual collections under tax on buildings and lands at 7½ per cent.	9,968
Estimated revenue collectable as water-rate at 8 per cent.	10,633
Deduct water-rate on Samasthaman buildings at 8 per cent.	3,200
Amount of water-rate available for expenses ..	7,433
Amount to be met from other sources ..	1,567
Amount required for the maintenance of pumping station annually	9,000

11. In conclusion, the Council most earnestly requests that the Government be pleased to sanction the proposals made for carrying out the scheme, viz.—

(1) to make a grant of half the cost of the water scheme;

(2) to permit the Council to raise a loan from Provincial funds, the liquidation of which is guaranteed by the Samasthanam as shown in the letter No. 271 of 26th June 1899 of the Collector and Guardian;

(3) to sanction the levy of water-tax on buildings and lands within the Municipality and to allow the Council to exempt the tax on Samasthanam buildings;

(4) to advance the sum of Rs. 10,500 required for the excavation of the trench for the infiltration gallery;

(5) to order the acquisition of the land required for the gallery, if necessary.

12. The Municipal Council wishes to take up the work at once and would like to see that the work is actually commenced during the next winter, a favourable season for earthworks. Meanwhile the necessary preliminaries may be adopted.

13. The delay in replying to the above proceedings was due to the fact that Her Highness the Maharani Sahiba was absent from the place, and nothing could be settled until Her Highness' return to Vizianagram. I therefore most earnestly beg that the Government will be pleased to pass early orders on the subject so that the work may be taken up before long.

The plans, estimates and other papers connected with the subject are herewith returned as directed.

ENCLOSURES.

Letter—from H. F. W. GILLMAN, Esq., I.C.S., Collector and Guardian, Vizianagram.
To—the Chairman, Municipal Council, Vizianagram.
Dated—the 26th June 1899.
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In such an arrangement, the Municipality will borrow the amount from Government and the estate will guarantee liquidation of this amount on the terms above named.

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* * * * * *

Endt. on S.C. No. 1176, *dated* 29*th August* 1899.

Forwarded through the Collector, Vizagapatam.

If the offer of the Vizianagram Samasthanam is accepted, there should be no difficulty in financing the scheme.

W. W. PHILLIPS,
Ag. Principal Assistant Collector.

Endt. on C. No. 2511, *dated* 31*st August* 1899.

Forwarded.

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Collector.

Order—No. 1652 M., dated 10th November 1899.

The Government does not consider that the Municipal Council of Vizianagram can undertake the scheme for the water-supply of the town recommended by the Sanitary Board, unless the Vizianagram estate contributes a moiety of the initial cost. The Government does not think it advisable that the Council should accept the contribution promised by the Maharani on the terms stated in the correspondence, and therefore the question of undertaking the work must be postponed until the Maharaja comes of age and is ready to give such assistance as may be needed for financing the scheme.

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LOCAL AND MUNICIPAL DEPARTMENT.

MISCELLANEOUS.

Read. — *Regd.* — 1899. — *Enclosures* — *Spare copies*

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Dated—the 25th August 1899.
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3. The infiltration trench, which is estimated to cost Rs. 10,500, is proposed to be dug in order to test the nature of the yield. The Council considers that this is the vital point of the whole scheme and trusts it will prove that there will be a sufficient supply of water in all seasons of the year, regard being had to the previous experience obtained by a daily record kept of the depth of water flowing over the weir board fixed on the upper anicut of Ootagedda successively for three months in the driest season of 1898 which produced satisfactory results.

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* * * * *

Endt. on S.C. No. 1176, *dated 29th August* 1899.

Forwarded through the Collector, Vizagapatam.

If the offer of the Vizianagram Samasthanam is accepted, there should be no difficulty in financing the scheme.

W. W. PHILLIPS,
Ag. Principal Assistant Collector.

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Forwarded.

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Collector.

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To the Chairman, Municipal Council, Vizianagram.
" Collector of Vizagapatam.
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Government of Madras.

LOCAL AND MUNICIPAL DEPARTMENT.

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Recd. } 1899. *Enclosures*

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*Vide G.O., No. 2310 W., dated 6th September 1898.

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A. W. Smart, Col., R.E.,
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(True Extract.)

R. Parsons,
Secretary, Sanitary Board.

To the Secretary to Government, Local and Municipal Department,
with a copy of G.O., No. 2310 W., dated 6th September 1898.

III

Letter—from M.R.Ry. V. Venkatraya Sastri Garu, Chairman, Municipal Council, Vizianagram.
To—the Secretary to Government, Local and Municipal Department (through the Revenue Divisional officer).
Dated—the 25th August 1899.
No.—513-C.

With reference to G.O., Mis. No. 2170 M., dated 16th December last, forwarding, for the Council's remarks, the plans and estimates and the Proceedings of the Sanitary Board in connection with the water-supply scheme to the town of Vizianagram, and requesting the Municipal Council to ascertain and report whether the contribution promised by the late Maharaja will now be realised, I have the honour to forward herewith copy of the Proceedings of the Municipal Council held on the 12th instant and the letter of the Collector and Guardian of the Vizianagram Samasthanam, dated 26th June 1899, No. 271, for the information and approval of the Government.

2. With reference to paragraph 1 of the order under reply, I beg to submit that the Council entirely agrees with the views of the Sanitary Board in selecting the Ootagedda scheme in preference to others for reasons stated by the Board in paragraph 3 of its proceedings, dated 23rd September 1898, No. 556/S.

3. The infiltration trench, which is estimated to cost Rs. 10,500, is proposed to be dug in order to test the nature of the yield. The Council considers that this is the vital point of the whole scheme and trusts it will prove that there will be a sufficient supply of water in all seasons of the year, regard being had to the previous experience obtained by a daily record kept of the depth of water flowing over the weir board fixed on the upper anicut of Ootagedda successively for three months in the driest season of 1898 which produced satisfactory results.

4. The average quantity required for the consumption of the towns-people taken at 15 gallons per head is estimated to be 6,00,000 gallons a day on a population of 40,000 souls. The daily average flow of the water thus gauged being (2″ × 24″) over the board, the yield may be estimated at 1,846,000 gallons a day which is above the required quantity.

5. The chemical analysis also shows that the water of the flowing river as well as that of wells dug in its bed is pure and fit for drinking purposes.

6. The annual cost of pumping is, in the opinion of the Council, rather overestimated taking into consideration the local rates of wages paid to persons employed on similar works and the price of fuel in the place. On an information obtained of the actual charges incurred by the Dindigul Municipality (population 20,000) for the maintenance of a pumping station where the cost did not exceed Rs. 1,836 or Rs. 1,900 a year, it cannot be estimated that it would cost here more than double that amount, viz., Rs. 3,800 or Rs. 4,000 in round numbers actually.

7. The question of settling the compensation need not engage the Government till the scheme is found to actually stand the test of the supply into the infiltration gallery proposed to be dug. The ground selected for the trench is not an arable land, but one of gravel and small stones the acquisition of which will not, in my opinion, be difficult if at all an acquisition is necessary.

8. With reference to paragraph 2 of the order, I beg to inform you that the Council considers the project to be the best in every way and the cheapest that it could think of, and hopes that the scheme will prove a success and relieve the public of the distress they have so long felt in the matter of a good supply of pure drinking water. In obedience to the Government Order and in accordance with the wishes of the Council, I negotiated with the Samasthanam authorities who have agreed to fulfil the promise so generously made by the late lamented Maharaja subject to the conditions laid down by the Collector and Guardian in his letter No. 271, dated 26th June last.

9. The Council most thankfully accepts the offer of Government to contribute half the cost of the scheme and feels equally thankful to Her Highness the Maharani Sahiba for the liberal offer now made, supported by the good advice of the Collector and Guardian, and requests that the Government will be pleased to approve the resolution of the Council in borrowing one and a half lakhs of rupees from the Samastanam

authorities under the conditions laid in the Collector and Guardian's letter above quoted, to be supplemented to a similar amount which the Government is pleased to make a grant of, towards the cost of the scheme.

10. In the event of Government sanctioning the loan which the Municipality proposes, the Council shall have to levy a water-rate at 8 per cent. on all buildings and lands within the Municipality other than those belonging to the Samastanam, in order to enable it to meet the cost of maintaining the works. The marginally-noted figures will give detailed information as to how the money thus raised will be spent. The amount which the Government may be pleased to advance will be liquidated with interest at 4 per cent. in 20 years by the Samasthanam on condition that its buildings are exempted from paying water-tax.

	Rs.
Average actual collections under tax on buildings and lands at 7½ per cent.	9,968
Estimated revenue collectable as water-rate at 8 per cent.	10,633
Deduct water-rate on Samasthaman buildings at 8 per cent.	3,200
Amount of water-rate available for expenses ..	7,433
Amount to be met from other sources ..	1,567
Amount required for the maintenance of pumping station annually	9,000

11. In conclusion, the Council most earnestly requests that the Government be pleased to sanction the proposals made for carrying out the scheme, viz.—

(1) to make a grant of half the cost of the water scheme;

(2) to permit the Council to raise a loan from Provincial funds, the liquidation of which is guaranteed by the Samasthanam as shown in the letter No. 271 of 26th June 1899 of the Collector and Guardian;

(3) to sanction the levy of water-tax on buildings and lands within the Municipality and to allow the Council to exempt the tax on Samasthanam buildings;

(4) to advance the sum of Rs. 10,500 required for the excavation of the trench for the infiltration gallery;

(5) to order the acquisition of the land required for the gallery, if necessary.

12. The Municipal Council wishes to take up the work at once and would like to see that the work is actually commenced during the next winter, a favourable season for earthworks. Meanwhile the necessary preliminaries may be adopted.

13. The delay in replying to the above proceedings was due to the fact that Her Highness the Maharani Sahiba was absent from the place, and nothing could be settled until Her Highness' return to Vizianagram. I therefore most earnestly beg that the Government will be pleased to pass early orders on the subject so that the work may be taken up before long.

The plans, estimates and other papers connected with the subject are herewith returned as directed.

ENCLOSURES.

Letter—from H. F. W. GILLMAN, Esq., I.C.S., Collector and Guardian, Vizianagram.
To—the Chairman, Municipal Council, Vizianagram.
Dated—the 26th June 1899.
No.—271-A/Rev.

In reply to your letter No. 314 dated 23rd March 1899, I have the honour to state that subject to the condition that all the estate buildings in this Municipality will permanently be exempted from payment of water-taxes, I am prepared to recommend to Government that the estate should pay interest on half the cost of the water-supply scheme to this town, not exceeding one and half lakhs of rupees, for such a term of years as the Government may be pleased to fix for the liquidation of the principal and interest of such loan, by annual payments made by the Samasthanam to the Municipality.

In such an arrangement, the Municipality will borrow the amount from Government and the estate will guarantee liquidation of this amount on the terms above named.

2. I may add that Her Highness the Maharani of Vizianagram has been pleased to approve of this arrangement, which is in conformity with the wishes of her late lamented son.

3. You will, of course, understand that the offer now made is subject to the sanction of Government. I shall be glad if you will lay the matter before the Municipal Council and forward me its resolution. If the offer is found acceptable, I shall address Government and obtain its orders in regard to the proposal.

Extract from the Proceedings of the Municipal Council, Vizianagram, dated 12th August 1899.

* * * * *

Read Proceedings of the Madras Government, dated 16th December 1898, Mis. No. 2170 M.

Read letter from the Collector and Guardian of the Vizianagram Samasthanam, dated the 26th June last, No. 271-A, stating that he is prepared to recommend to Government that the estate should pay interest on half the cost of water-supply scheme to the town, not exceeding one and half lakhs of rupees, for such term of years as the Government may be pleased to fix for the liquidation of the principal and interest, subject to the condition that all the estate buildings in the Municipality will permanently be exempted from payment of water-taxes and requesting the Council to forward its resolution on the subject.

Resolution No. 1.—The Council unanimously resolves to gratefully accept the liberal offer of the Collector and Guardian of the Vizianagram Samasthanam to liquidate the loan of half the cost of the water scheme not exceeding a lakh and a half rupees subject to the conditions specified in his letter. The Council thinks that with this offer as well as the equally liberal offer of the Government to contribute a moiety of the estimated cost and advance the balance from Provincial funds it will be in a position to undertake the scheme and proposes to levy, with the sanction of Government, a water-tax at 8 per cent. on the estimated annual rent value of buildings other than those belonging to the Samasthanam, so as to meet the pumping and other charges to as much an extent as possible. Resolved further that the Council do place on record its deep sense of obligation and gratitude to the Government and Her Highness the Maharani of Vizianagram for their liberal offers.

* * * * *

Endt. on S.C. No. 1176, *dated* 29*th August* 1899.

Forwarded through the Collector, Vizagapatam.

If the offer of the Vizianagram Samasthanam is accepted, there should be no difficulty in financing the scheme.

W. W. PHILLIPS,
Ag. Principal Assistant Collector.

Endt. on C. No. 2511, *dated* 31*st August* 1899.

Forwarded.

W. O. HORNE,
Collector.

Order—No. 1652 M., dated 10th November 1899.

The Government does not consider that the Municipal Council of Vizianagram can undertake the scheme for the water-supply of the town recommended by the Sanitary Board, unless the Vizianagram estate contributes a moiety of the initial cost. The Government does not think it advisable that the Council should accept the contribution promised by the Maharani on the terms stated in the correspondence, and therefore the question of undertaking the work must be postponed until the Maharaja comes of age and is ready to give such assistance as may be needed for financing the scheme.

(True Extract.)

M. HAMMICK,
Ag. Secretary to Government.

To the Chairman, Municipal Council, Vizianagram.
,, Collector of Vizagapatam.
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10. In the event of Government sanctioning the loan which the Municipality proposes, the Council shall have to levy a water-rate at 8 per cent. on all buildings and lands within the Municipality other than those belonging to the Samastanam, in order to enable it to meet the cost of maintaining the works. The marginally-noted figures will give detailed information as to how the money thus raised will be spent. The amount which the Government may be pleased to advance will be liquidated with interest at 4 per cent. in 20 years by the Samasthanam on condition that its buildings are exempted from paying water-tax.

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Dated—the 26th June 1899.
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In such an arrangement, the Municipality will borrow the amount from Government and the estate will guarantee liquidation of this amount on the terms above named.

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3. You will, of course, understand that the offer now made is subject to the sanction of Government. I shall be glad if you will lay the matter before the Municipal Council and forward me its resolution. If the offer is found acceptable, I shall address Government and obtain its orders in regard to the proposal.

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Ag. Principal Assistant Collector.

Endt. on C. No. 2511, *dated* 31*st August* 1899.

Forwarded.

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Collector.

Order—No. 1652 M., dated 10th November 1899.

The Government does not consider that the Municipal Council of Vizianagram can undertake the scheme for the water-supply of the town recommended by the Sanitary Board, unless the Vizianagram estate contributes a moiety of the initial cost. The Government does not think it advisable that the Council should accept the contribution promised by the Maharani on the terms stated in the correspondence, and therefore the question of undertaking the work must be postponed until the Maharaja comes of age and is ready to give such assistance as may be needed for financing the scheme.

(True Extract.)

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Ag. Secretary to Government.

To the Chairman, Municipal Council, Vizianagram.
,, Collector of Vizagapatam.
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Government of Madras.

LOCAL AND MUNICIPAL DEPARTMENT.

MISCELLANEOUS.

Read. | *Regd.* } 1899. *Enclosures* | *Spare copies*

G.O., No. 1652 M., 10th November 1899.

Water-supply.

Stating that the Government does not consider that the Municipal Council of Vizianagram can undertake the scheme for the — of the town unless the Vizianagram estate contributes a moiety of the cost and that the question of undertaking the work must be postponed until the Maharaja comes of age and is ready to give such assistance as may be needed for financing the scheme.

GOVERNMENT OF MADRAS.

LOCAL AND MUNICIPAL DEPARTMENT.

Read—the following papers :—

I

G.O., No. 2170 M., dated 16th December 1898.

II

Proceedings of the Sanitary Board, No. 79/S., dated 1st March 1899.

Read—the following paper :—

Note by the President, Sanitary Board.

In Proceedings of the Sanitary Board, No. 556/S., dated 23rd September 1898, an estimate amounting to Rs. 2,82,000 for the Vizianagram water-supply project, prepared by the Acting Sanitary Engineer, Mr. Russel, was submitted to Government for orders. The rates in the estimate were, Mr. Russel informs me, based on the Public Works Department schedule of the Vizagapatam division. This schedule has since been found by the Chief Engineer to be "manifestly inaccurate*." The rates are understood to be too low. It is impossible to say how much the rates will have to be increased until the schedule of rates has been revised by the local officers, but the information will be obtained as soon as practicable.

* *Vide* G.O., No. 2310 W., dated 6th September 1898.

2. I, therefore, recommend that Government be apprised of this in the Local and Municipal Department, so that if the estimate be finally sanctioned in that department the sanction may be accorded subject to further scrutiny of the rates.

A. W. Smart, Col., R.E.,
Ag. President, Sanitary Board.

Resolution—No. 79/S., dated 1st March 1899.

The note of the President read above will be submitted to Government with reference to G.O., Mis. No. 2170 M., dated 16th December 1898.

(True Extract.)

R. Parsons,
Secretary, Sanitary Board.

To the Secretary to Government, Local and Municipal Department,
with a copy of G.O., No. 2310 W., dated 6th September 1898.

III

Letter—from M.R.Ry. V. Venkatraya Sastri Garu, Chairman, Municipal Council, Vizianagram.
To—the Secretary to Government, Local and Municipal Department (through the Revenue Divisional officer).
Dated—the 25th August 1899.
No.—513-C.

With reference to G.O., Mis. No. 2170 M., dated 16th December last, forwarding, for the Council's remarks, the plans and estimates and the Proceedings of the Sanitary Board in connection with the water-supply scheme to the town of Vizianagram, and requesting the Municipal Council to ascertain and report whether the contribution promised by the late Maharaja will now be realised, I have the honour to forward herewith copy of the Proceedings of the Municipal Council held on the 12th instant and the letter of the Collector and Guardian of the Vizianagram Samasthanam, dated 26th June 1899, No. 271, for the information and approval of the Government.

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3. The infiltration trench, which is estimated to cost Rs. 10,500, is proposed to be dug in order to test the nature of the yield. The Council considers that this is the vital point of the whole scheme and trusts it will prove that there will be a sufficient supply of water in all seasons of the year, regard being had to the previous experience obtained by a daily record kept of the depth of water flowing over the weir board fixed on the upper anicut of Ootagedda successively for three months in the driest season of 1898 which produced satisfactory results.

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Extract from the Proceedings of the Municipal Council, Vizianagram, dated 12th August 1899.

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Read Proceedings of the Madras Government, dated 16th December 1898, Mis. No. 2170 M.

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* * * * *

Endt. on S.C. No. 1176, *dated* 29*th August* 1899.

Forwarded through the Collector, Vizagapatam.

If the offer of the Vizianagram Samasthanam is accepted, there should be no difficulty in financing the scheme.

W. W. PHILLIPS,
Ag. Principal Assistant Collector.

Endt. on C. No. 2511, *dated* 31*st August* 1899.

Forwarded.

W. O. HORNE,
Collector.

Order—No. 1652 M., dated 10th November 1899.

The Government does not consider that the Municipal Council of Vizianagram can undertake the scheme for the water-supply of the town recommended by the Sanitary Board, unless the Vizianagram estate contributes a moiety of the initial cost. The Government does not think it advisable that the Council should accept the contribution promised by the Maharani on the terms stated in the correspondence, and therefore the question of undertaking the work must be postponed until the Maharaja comes of age and is ready to give such assistance as may be needed for financing the scheme.

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Government of Madras.

LOCAL AND MUNICIPAL DEPARTMENT.

MISCELLANEOUS.

Recd. } 1899. *Enclosures*

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2. I, therefore, recommend that Government be apprised of this in the Local and Municipal Department, so that if the estimate be finally sanctioned in that department the sanction may be accorded subject to further scrutiny of the rates.

A. W. Smart, Col., R.E.,
Ag. President, Sanitary Board.

Vide G.O., No. 2310 W., dated 6th September 1898.

Resolution—No. 79/S., dated 1st March 1899.

The note of the President read above will be submitted to Government with reference to G.O., Mis. No. 2170 M., dated 16th December 1898.

(True Extract.)

R. Parsons,
Secretary, Sanitary Board.

To the Secretary to Government, Local and Municipal Department,
with a copy of G.O., No. 2310 W., dated 6th September 1898.

III

Letter—from M.R.Ry. V. Venkatraya Sastri Garu, Chairman, Municipal Council, Vizianagram.
To—the Secretary to Government, Local and Municipal Department (through the Revenue Divisional officer).
Dated—the 25th August 1899.
No.—513-C.

With reference to G.O., Mis. No. 2170 M., dated 16th December last, forwarding, for the Council's remarks, the plans and estimates and the Proceedings of the Sanitary Board in connection with the water-supply scheme to the town of Vizianagram, and requesting the Municipal Council to ascertain and report whether the contribution promised by the late Maharaja will now be realised, I have the honour to forward herewith copy of the Proceedings of the Municipal Council held on the 12th instant and the letter of the Collector and Guardian of the Vizianagram Samasthanam, dated 26th June 1899, No. 271, for the information and approval of the Government.

2. With reference to paragraph 1 of the order under reply, I beg to submit that the Council entirely agrees with the views of the Sanitary Board in selecting the Ootagedda scheme in preference to others for reasons stated by the Board in paragraph 3 of its proceedings, dated 23rd September 1898, No. 556/S.

3. The infiltration trench, which is estimated to cost Rs. 10,500, is proposed to be dug in order to test the nature of the yield. The Council considers that this is the vital point of the whole scheme and trusts it will prove that there will be a sufficient supply of water in all seasons of the year, regard being had to the previous experience obtained by a daily record kept of the depth of water flowing over the weir board fixed on the upper anicut of Ootagedda successively for three months in the driest season of 1898 which produced satisfactory results.

4. The average quantity required for the consumption of the towns-people taken at 15 gallons per head is estimated to be 6,00,000 gallons a day on a population of 40,000 souls. The daily average flow of the water thus gauged being (2″ × 24″) over the board, the yield may be estimated at 1,846,000 gallons a day which is above the required quantity.

5. The chemical analysis also shows that the water of the flowing river as well as that of wells dug in its bed is pure and fit for drinking purposes.

6. The annual cost of pumping is, in the opinion of the Council, rather overestimated taking into consideration the local rates of wages paid to persons employed on similar works and the price of fuel in the place. On an information obtained of the actual charges incurred by the Dindigul Municipality (population 20,000) for the maintenance of a pumping station where the cost did not exceed Rs. 1,836 or Rs. 1,900 a year, it cannot be estimated that it would cost here more than double that amount, viz., Rs. 3,800 or Rs. 4,000 in round numbers actually.

7. The question of settling the compensation need not engage the Government till the scheme is found to actually stand the test of the supply into the infiltration gallery proposed to be dug. The ground selected for the trench is not an arable land, but one of gravel and small stones the acquisition of which will not, in my opinion, be difficult if at all an acquisition is necessary.

8. With reference to paragraph 2 of the order, I beg to inform you that the Council considers the project to be the best in every way and the cheapest that it could think of, and hopes that the scheme will prove a success and relieve the public of the distress they have so long felt in the matter of a good supply of pure drinking water. In obedience to the Government Order and in accordance with the wishes of the Council, I negotiated with the Samasthanam authorities who have agreed to fulfil the promise so generously made by the late lamented Maharaja subject to the conditions laid down by the Collector and Guardian in his letter No. 271, dated 26th June last.

9. The Council most thankfully accepts the offer of Government to contribute half the cost of the scheme and feels equally thankful to Her Highness the Maharani Sahiba for the liberal offer now made, supported by the good advice of the Collector and Guardian, and requests that the Government will be pleased to approve the resolution of the Council in borrowing one and a half lakhs of rupees from the Samastanam

authorities under the conditions laid in the Collector and Guardian's letter above quoted, to be supplemented to a similar amount which the Government is pleased to make a grant of, towards the cost of the scheme.

10. In the event of Government sanctioning the loan which the Municipality proposes, the Council shall have to levy a water-rate at 8 per cent. on all buildings and lands within the Municipality other than those belonging to the Samastanam, in order to enable it to meet the cost of maintaining the works. The marginally-noted figures will give detailed information as to how the money thus raised will be spent. The amount which the Government may be pleased to advance will be liquidated with interest at 4 per cent. in 20 years by the Samasthanam on condition that its buildings are exempted from paying water-tax.

	Rs.
Average actual collections under tax on buildings and lands at 7½ per cent.	9,968
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Amount of water-rate available for expenses ..	7,433
Amount to be met from other sources ..	1,567
Amount required for the maintenance of pumping station annually	9,000

11. In conclusion, the Council most earnestly requests that the Government be pleased to sanction the proposals made for carrying out the scheme, viz.—

(1) to make a grant of half the cost of the water scheme;

(2) to permit the Council to raise a loan from Provincial funds, the liquidation of which is guaranteed by the Samasthanam as shown in the letter No. 271 of 26th June 1899 of the Collector and Guardian;

(3) to sanction the levy of water-tax on buildings and lands within the Municipality and to allow the Council to exempt the tax on Samasthanam buildings;

(4) to advance the sum of Rs. 10,500 required for the excavation of the trench for the infiltration gallery;

(5) to order the acquisition of the land required for the gallery, if necessary.

12. The Municipal Council wishes to take up the work at once and would like to see that the work is actually commenced during the next winter, a favourable season for earthworks. Meanwhile the necessary preliminaries may be adopted.

13. The delay in replying to the above proceedings was due to the fact that Her Highness the Maharani Sahiba was absent from the place, and nothing could be settled until Her Highness' return to Vizianagram. I therefore most earnestly beg that the Government will be pleased to pass early orders on the subject so that the work may be taken up before long.

The plans, estimates and other papers connected with the subject are herewith returned as directed.

Enclosures.

Letter—from H. F. W. Gillman, Esq., I.C.S., Collector and Guardian, Vizianagram.
To—the Chairman, Municipal Council, Vizianagram.
Dated—the 26th June 1899.
No.—271-A/Rev.

In reply to your letter No. 314 of 23rd March 1899, I have the honour to state that subject to the condition that all the estate buildings in this Municipality will permanently be exempted from payment of water-taxes, I am prepared to recommend to Government that the estate should pay interest on half the cost of the water-supply scheme to this town, not exceeding one and half lakhs of rupees, for such a term of years as the Government may be pleased to fix for the liquidation of the principal and interest of such loan, by annual payments made by the Samasthanam to the Municipality.

In such an arrangement, the Municipality will borrow the amount from Government and the estate will guarantee liquidation of this amount on the terms above named.

2. I may add that Her Highness the Maharani of Vizianagram has been pleased to approve of this arrangement, which is in conformity with the wishes of her late lamented son.

3. You will, of course, understand that the offer now made is subject to the sanction of Government. I shall be glad if you will lay the matter before the Municipal Council and forward me its resolution. If the offer is found acceptable, I shall address Government and obtain its orders in regard to the proposal.

Extract from the Proceedings of the Municipal Council, Vizianagram, dated 12th August 1899.

* * * * *

Read Proceedings of the Madras Government, dated 16th December 1898, Mis. No. 2170 M.

Read letter from the Collector and Guardian of the Vizianagram Samasthanam, dated the 26th June last, No. 271-A, stating that he is prepared to recommend to Government that the estate should pay interest on half the cost of water-supply scheme to the town, not exceeding one and half lakhs of rupees, for such term of years as the Government may be pleased to fix for the liquidation of the principal and interest, subject to the condition that all the estate buildings in the Municipality will permanently be exempted from payment of water-taxes and requesting the Council to forward its resolution on the subject.

Resolution No. 1.—The Council unanimously resolves to gratefully accept the liberal offer of the Collector and Guardian of the Vizianagram Samasthanam to liquidate the loan of half the cost of the water scheme not exceeding a lakh and a half rupees subject to the conditions specified in his letter. The Council thinks that with this offer as well as the equally liberal offer of the Government to contribute a moiety of the estimated cost and advance the balance from Provincial funds it will be in a position to undertake the scheme and proposes to levy, with the sanction of Government, a water-tax at 8 per cent. on the estimated annual rent value of buildings other than those belonging to the Samasthanam, so as to meet the pumping and other charges to as much an extent as possible. Resolved further that the Council do place on record its deep sense of obligation and gratitude to the Government and Her Highness the Maharani of Vizianagram for their liberal offers.

* * * * *

Endt. on S.C. No. 1176, *dated 29th August* 1899.

Forwarded through the Collector, Vizagapatam.

If the offer of the Vizianagram Samasthanam is accepted, there should be no difficulty in financing the scheme.

W. W. Phillips,
Ag. Principal Assistant Collector.

Endt. on C. No. 2511, *dated* 31*st August* 1899.

Forwarded.

W. O. Horne,
Collector.

Order—No. 1652 M., dated 10th November 1899.

The Government does not consider that the Municipal Council of Vizianagram can undertake the scheme for the water-supply of the town recommended by the Sanitary Board, unless the Vizianagram estate contributes a moiety of the initial cost. The Government does not think it advisable that the Council should accept the contribution promised by the Maharani on the terms stated in the correspondence, and therefore the question of undertaking the work must be postponed until the Maharaja comes of age and is ready to give such assistance as may be needed for financing the scheme.

(True Extract.)

M. Hammick,
Ag. Secretary to Government.

To the Chairman, Municipal Council, Vizianagram.
,, Collector of Vizagapatam.
,, Sanitary Board.
,, ,, Commissioner.
,, ,, Engineer.

Government of Madras.

LOCAL AND MUNICIPAL DEPARTMENT.

MISCELLANEOUS.

Read. *Enclosures*

1899.

Regd. *Spare copies*

G.O., No. 1652 M., 10th November 1899.

Water-supply.

Stating that the Government does not consider that the Municipal Council of Vizianagram can undertake the scheme for the — of the town unless the Vizianagram estate contributes a moiety of the cost and that the question of undertaking the work must be postponed until the Maharaja comes of age and is ready to give such assistance as may be needed for financing the scheme.

GOVERNMENT OF MADRAS.

LOCAL AND MUNICIPAL DEPARTMENT.

READ—the following papers :—

I

G.O., No. 2170 M., dated 16th December 1898.

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Proceedings of the Sanitary Board, No. 79/S., dated 1st March 1899.

Read—the following paper :—

Note by the President, Sanitary Board.

In Proceedings of the Sanitary Board, No. 556/S., dated 23rd September 1898, an estimate amounting to Rs. 2,82,000 for the Vizianagram water-supply project, prepared by the Acting Sanitary Engineer, Mr. Russel, was submitted to Government for orders. The rates in the estimate were, Mr. Russel informs me, based on the Public Works Department schedule of the Vizagapatam division. This schedule has since been found by the Chief Engineer to be "manifestly inaccurate*." The rates are understood to be too low. It is impossible to say how much the rates will have to be increased until the schedule of rates has been revised by the local officers, but the information will be obtained as soon as practicable.

* *Vide* G.O., No. 2310 W., dated 6th September 1898.

2. I, therefore, recommend that Government be apprised of this in the Local and Municipal Department, so that if the estimate be finally sanctioned in that department the sanction may be accorded subject to further scrutiny of the rates.

A. W. SMART, Col., R.E.,
Ag. President, Sanitary Board.

Resolution—No. 79/S., dated 1st March 1899.

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(True Extract.)

R. PARSONS,
Secretary, Sanitary Board.

To the Secretary to Government, Local and Municipal Department,
with a copy of G.O., No. 2310 W., dated 6th September 1898.

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Letter—from M.R.Ry. V. VENKATRAYA SASTRI Garu, Chairman, Municipal Council, Vizianagram.
To—the Secretary to Government, Local and Municipal Department (through the Revenue Divisional officer).
Dated—the 25th August 1899.
No.—513-C.

With reference to G.O., Mis. No. 2170 M., dated 16th December last, forwarding, for the Council's remarks, the plans and estimates and the Proceedings of the Sanitary Board in connection with the water-supply scheme to the town of Vizianagram, and requesting the Municipal Council to ascertain and report whether the contribution promised by the late Maharaja will now be realised, I have the honour to forward herewith copy of the Proceedings of the Municipal Council held on the 12th instant and the letter of the Collector and Guardian of the Vizianagram Samasthanam, dated 26th June 1899, No. 271, for the information and approval of the Government.

2. With reference to paragraph 1 of the order under reply, I beg to submit that the Council entirely agrees with the views of the Sanitary Board in selecting the Ootagedda scheme in preference to others for reasons stated by the Board in paragraph 3 of its proceedings, dated 23rd September 1898, No. 556/S.

3. The infiltration trench, which is estimated to cost Rs. 10,500, is proposed to be dug in order to test the nature of the yield. The Council considers that this is the vital point of the whole scheme and trusts it will prove that there will be a sufficient supply of water in all seasons of the year, regard being had to the previous experience obtained by a daily record kept of the depth of water flowing over the weir board fixed on the upper anicut of Ootagedda successively for three months in the driest season of 1898 which produced satisfactory results.

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authorities under the conditions laid in the Collector and Guardian's letter above quoted, to be supplemented to a similar amount which the Government is pleased to make a grant of, towards the cost of the scheme.

10. In the event of Government sanctioning the loan which the Municipality proposes, the Council shall have to levy a water-rate at 8 per cent. on all buildings and lands within the Municipality other than those belonging to the Samastanam, in order to enable it to meet the cost of maintaining the works. The marginally-noted figures will give detailed information as to how the money thus raised will be spent. The amount which the Government may be pleased to advance will be liquidated with interest at 4 per cent. in 20 years by the Samasthanam on condition that its buildings are exempted from paying water-tax.

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12. The Municipal Council wishes to take up the work at once and would like to see that the work is actually commenced during the next winter, a favourable season for earthworks. Meanwhile the necessary preliminaries may be adopted.

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ENCLOSURES.

Letter—from H. F. W. GILLMAN, Esq., I.C.S., Collector and Guardian, Vizianagram.
To—the Chairman, Municipal Council, Vizianagram.
Dated—the 26th June 1899.
No.—271-A/Rev.

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In such an arrangement, the Municipality will borrow the amount from Government and the estate will guarantee liquidation of this amount on the terms above named.

2. I may add that Her Highness the Maharani of Vizianagram has been pleased to approve of this arrangement, which is in conformity with the wishes of her late lamented son.

3. You will, of course, understand that the offer now made is subject to the sanction of Government. I shall be glad if you will lay the matter before the Municipal Council and forward me its resolution. If the offer is found acceptable, I shall address Government and obtain its orders in regard to the proposal.

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Read Proceedings of the Madras Government, dated 16th December 1898, Mis. No. 2170 M.

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* * * * *

Endt. on S.C. No. 1176, *dated 29th August* 1899.

Forwarded through the Collector, Vizagapatam.

If the offer of the Vizianagram Samasthanam is accepted, there should be no difficulty in financing the scheme.

W. W. PHILLIPS,
Ag. Principal Assistant Collector.

Endt. on C. No. 2511, *dated* 31*st August* 1899.

Forwarded.

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Collector.

Order—No. 1652 M., dated 10th November 1899.

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(True Extract.)

M. HAMMICK,
Ag. Secretary to Government.

To the Chairman, Municipal Council, Vizianagram.
,, Collector of Vizagapatam.
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Government of Madras.

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Amount of water-rate available for expenses	7,433
Amount to be met from other sources ..	1,567
Amount required for the maintenance of pumping station annually	9,000

11. In conclusion, the Council most earnestly requests that the Government be pleased to sanction the proposals made for carrying out the scheme, viz.—

(1) to make a grant of half the cost of the water scheme;

(2) to permit the Council to raise a loan from Provincial funds, the liquidation of which is guaranteed by the Samasthanam as shown in the letter No. 271 of 26th June 1899 of the Collector and Guardian;

(3) to sanction the levy of water-tax on buildings and lands within the Municipality and to allow the Council to exempt the tax on Samasthanam buildings;

(4) to advance the sum of Rs. 10,500 required for the excavation of the trench for the infiltration gallery;

(5) to order the acquisition of the land required for the gallery, if necessary.

12. The Municipal Council wishes to take up the work at once and would like to see that the work is actually commenced during the next winter, a favourable season for earthworks. Meanwhile the necessary preliminaries may be adopted.

13. The delay in replying to the above proceedings was due to the fact that Her Highness the Maharani Sahiba was absent from the place, and nothing could be settled until Her Highness' return to Vizianagram. I therefore most earnestly beg that the Government will be pleased to pass early orders on the subject so that the work may be taken up before long.

The plans, estimates and other papers connected with the subject are herewith returned as directed.

ENCLOSURES.

Letter—from H. F. W. GILLMAN, Esq., I.C.S., Collector and Guardian, Vizianagram.
To—the Chairman, Municipal Council, Vizianagram.
Dated—the 26th June 1899.
No.—271-A/Rev.

In reply to your letter No. 314 of 23rd March 1899, I have the honour to state that subject to the condition that all the estate buildings in this Municipality will permanently be exempted from payment of water-taxes, I am prepared to recommend to Government that the estate should pay interest on half the cost of the water-supply scheme to this town, not exceeding one and half lakhs of rupees, for such a term of years as the Government may be pleased to fix for the liquidation of the principal and interest of such loan, by annual payments made by the Samasthanam to the Municipality.

In such an arrangement, the Municipality will borrow the amount from Government and the estate will guarantee liquidation of this amount on the terms above named.

2. I may add that Her Highness the Maharani of Vizianagram has been pleased to approve of this arrangement, which is in conformity with the wishes of her late lamented son.

3. You will, of course, understand that the offer now made is subject to the sanction of Government. I shall be glad if you will lay the matter before the Municipal Council and forward me its resolution. If the offer is found acceptable, I shall address Government and obtain its orders in regard to the proposal.

Extract from the Proceedings of the Municipal Council, Vizianagram, dated 12th August 1899.

* * * * *

Read Proceedings of the Madras Government, dated 16th December 1898, Mis. No. 2170 M.

Read letter from the Collector and Guardian of the Vizianagram Samasthanam, dated the 26th June last, No. 271-A, stating that he is prepared to recommend to Government that the estate should pay interest on half the cost of water-supply scheme to the town, not exceeding one and half lakhs of rupees, for such term of years as the Government may be pleased to fix for the liquidation of the principal and interest, subject to the condition that all the estate buildings in the Municipality will permanently be exempted from payment of water-taxes and requesting the Council to forward its resolution on the subject.

Resolution No. 1.—The Council unanimously resolves to gratefully accept the liberal offer of the Collector and Guardian of the Vizianagram Samasthanam to liquidate the loan of half the cost of the water scheme not exceeding a lakh and a half rupees subject to the conditions specified in his letter. The Council thinks that with this offer as well as the equally liberal offer of the Government to contribute a moiety of the estimated cost and advance the balance from Provincial funds it will be in a position to undertake the scheme and proposes to levy, with the sanction of Government, a water-tax at 8 per cent. on the estimated annual rent value of buildings other than those belonging to the Samasthanam, so as to meet the pumping and other charges to as much an extent as possible. Resolved further that the Council do place on record its deep sense of obligation and gratitude to the Government and Her Highness the Maharani of Vizianagram for their liberal offers.

* * * * *

Endt. on S.C. No. 1176, *dated* 29*th August* 1899.

Forwarded through the Collector, Vizagapatam.

If the offer of the Vizianagram Samasthanam is accepted, there should be no difficulty in financing the scheme.

W. W. PHILLIPS,
Ag. Principal Assistant Collector.

Endt. on C. No. 2511, *dated* 31*st August* 1899.

Forwarded.

W. O. HORNE,
Collector.

Order—No. 1652 M., dated 10th November 1899.

The Government does not consider that the Municipal Council of Vizianagram can undertake the scheme for the water-supply of the town recommended by the Sanitary Board, unless the Vizianagram estate contributes a moiety of the initial cost. The Government does not think it advisable that the Council should accept the contribution promised by the Maharani on the terms stated in the correspondence, and therefore the question of undertaking the work must be postponed until the Maharaja comes of age and is ready to give such assistance as may be needed for financing the scheme.

(True Extract.)

M. HAMMICK,
Ag. Secretary to Government.

To the Chairman, Municipal Council, Vizianagram.
" Collector of Vizagapatam.
" Sanitary Board.
" " Commissioner.
" " Engineer.

Government of Madras.

LOCAL AND MUNICIPAL DEPARTMENT.

MISCELLANEOUS.

Read. — *Enclosures*

1899.

Regd. — *Spare copies*

G.O., No. 1652 M., 10th November 1899.

Water-supply.

Stating that the Government does not consider that the Municipal Council of Vizianagram can undertake the scheme for the — of the town unless the Vizianagram estate contributes a moiety of the cost and that the question of undertaking the work must be postponed until the Maharaja comes of age and is ready to give such assistance as may be needed for financing the scheme.

GOVERNMENT OF MADRAS.

LOCAL AND MUNICIPAL DEPARTMENT.

Read—the following papers :—

I

G.O., No. 2170 M., dated 16th December 1898.

II

Proceedings of the Sanitary Board, No. 79/S., dated 1st March 1899.

Read—the following paper :—

Note by the President, Sanitary Board.

In Proceedings of the Sanitary Board, No. 556/S., dated 23rd September 1898, an estimate amounting to Rs. 2,82,000 for the Vizianagram water-supply project, prepared by the Acting Sanitary Engineer, Mr. Russel, was submitted to Government for orders. The rates in the estimate were, Mr. Russel informs me, based on the Public Works Department schedule of the Vizagapatam division. This schedule has since been found by the Chief Engineer to be "manifestly inaccurate*." The rates are understood to be too low. It is impossible to say how much the rates will have to be increased until the schedule of rates has been revised by the local officers, but the information will be obtained as soon as practicable.

* *Vide* G.O., No. 2310 W., dated 6th September 1898.

2. I, therefore, recommend that Government be apprised of this in the Local and Municipal Department, so that if the estimate be finally sanctioned in that department the sanction may be accorded subject to further scrutiny of the rates.

A. W. Smart, Col., R.E.,
Ag. President, Sanitary Board.

Resolution—No. 79/S., dated 1st March 1899.

The note of the President read above will be submitted to Government with reference to G.O., Mis. No. 2170 M., dated 16th December 1898.

(True Extract.)

R. Parsons,
Secretary, Sanitary Board.

To the Secretary to Government, Local and Municipal Department,
with a copy of G.O., No. 2310 W., dated 6th September 1898.

III

Letter—from M.R.Ry. V. Venkatraya Sastri Garu, Chairman, Municipal Council, Vizianagram.
To—the Secretary to Government, Local and Municipal Department (through the Revenue Divisional officer).
Dated—the 25th August 1899.
No.—513-C.

With reference to G.O., Mis. No. 2170 M., dated 16th December last, forwarding, for the Council's remarks, the plans and estimates and the Proceedings of the Sanitary Board in connection with the water-supply scheme to the town of Vizianagram, and requesting the Municipal Council to ascertain and report whether the contribution promised by the late Maharaja will now be realised, I have the honour to forward herewith copy of the Proceedings of the Municipal Council held on the 12th instant and the letter of the Collector and Guardian of the Vizianagram Samasthanam, dated 26th June 1899, No. 271, for the information and approval of the Government.

2. With reference to paragraph 1 of the order under reply, I beg to submit that the Council entirely agrees with the views of the Sanitary Board in selecting the Ootagedda scheme in preference to others for reasons stated by the Board in paragraph 3 of its proceedings, dated 23rd September 1898, No. 556/S.

3. The infiltration trench, which is estimated to cost Rs. 10,500, is proposed to be dug in order to test the nature of the yield. The Council considers that this is the vital point of the whole scheme and trusts it will prove that there will be a sufficient supply of water in all seasons of the year, regard being had to the previous experience obtained by a daily record kept of the depth of water flowing over the weir board fixed on the upper anicut of Ootagedda successively for three months in the driest season of 1898 which produced satisfactory results.

4. The average quantity required for the consumption of the towns-people taken at 15 gallons per head is estimated to be 6,00,000 gallons a day on a population of 40,000 souls. The daily average flow of the water thus gauged being (2″ × 24″) over the board, the yield may be estimated at 1,846,000 gallons a day which is above the required quantity.

5. The chemical analysis also shows that the water of the flowing river as well as that of wells dug in its bed is pure and fit for drinking purposes.

6. The annual cost of pumping is, in the opinion of the Council, rather overestimated taking into consideration the local rates of wages paid to persons employed on similar works and the price of fuel in the place. On an information obtained of the actual charges incurred by the Dindigul Municipality (population 20,000) for the maintenance of a pumping station where the cost did not exceed Rs. 1,836 or Rs. 1,900 a year, it cannot be estimated that it would cost here more than double that amount, viz., Rs. 3,800 or Rs. 4,000 in round numbers actually.

7. The question of settling the compensation need not engage the Government till the scheme is found to actually stand the test of the supply into the infiltration gallery proposed to be dug. The ground selected for the trench is not an arable land, but one of gravel and small stones the acquisition of which will not, in my opinion, be difficult if at all an acquisition is necessary.

8. With reference to paragraph 2 of the order, I beg to inform you that the Council considers the project to be the best in every way and the cheapest that it could think of, and hopes that the scheme will prove a success and relieve the public of the distress they have so long felt in the matter of a good supply of pure drinking water. In obedience to the Government Order and in accordance with the wishes of the Council, I negotiated with the Samasthanam authorities who have agreed to fulfil the promise so generously made by the late lamented Maharaja subject to the conditions laid down by the Collector and Guardian in his letter No. 271, dated 26th June last.

9. The Council most thankfully accepts the offer of Governme t to contribute half the cost of the scheme and feels equally thankful to Her Highness the Maharani Sahiba for the liberal offer now made, supported by the good advice of the Collector and Guardian, and requests that the Government will be pleased to approve the resolution of the Council in borrowing one and a half lakhs of rupees from the Samastanam

authorities under the conditions laid in the Collector and Guardian's letter above quoted, to be supplemented to a similar amount which the Government is pleased to make a grant of, towards the cost of the scheme.

10. In the event of Government sanctioning the loan which the Municipality proposes, the Council shall have to levy a water-rate at 8 per cent. on all buildings and lands within the Municipality other than those belonging to the Samastanam, in order to enable it to meet the cost of maintaining the works. The marginally-noted figures will give detailed information as to how the money thus raised will be spent. The amount which the Government may be pleased to advance will be liquidated with interest at 4 per cent. in 20 years by the Samasthanam on condition that its buildings are exempted from paying water-tax.

	Rs.
Average actual collections under tax on buildings and lands at 7¼ per cent.	2,968
Estimated revenue collectable as water-rate at 8 per cent.	10,633
Deduct water-rate on Samasthaman buildings at 8 per cent.	3,200
Amount of water-rate available for expenses ..	7,433
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(5) to order the acquisition of the land required for the gallery, if necessary.

12. The Municipal Council wishes to take up the work at once and would like to see that the work is actually commenced during the next winter, a favourable season for earthworks. Meanwhile the necessary preliminaries may be adopted.

13. The delay in replying to the above proceedings was due to the fact that Her Highness the Maharani Sahiba was absent from the place, and nothing could be settled until Her Highness' return to Vizianagram. I therefore most earnestly beg that the Government will be pleased to pass early orders on the subject so that the work may be taken up before long.

The plans, estimates and other papers connected with the subject are herewith returned as directed.

ENCLOSURES.

Letter—from H. F. W. GILLMAN, Esq., I.C.S., Collector and Guardian, Vizianagram.
To—the Chairman, Municipal Council, Vizianagram.
Dated—the 26th June 1899.
No.—271-A/Rev.

In reply to your letter No. 314 of 23rd March 1899, I have the honour to state that subject to the condition that all the estate buildings in this Municipality will permanently be exempted from payment of water-taxes, I am prepared to recommend to Government that the estate should pay interest on half the cost of the water-supply scheme to this town, not exceeding one and half lakhs of rupees, for such a term of years as the Government may be pleased to fix for the liquidation of the principal and interest of such loan, by annual payments made by the Samasthanam to the Municipality.

In such an arrangement, the Municipality will borrow the amount from Government and the estate will guarantee liquidation of this amount on the terms above named.

2. I may add that Her Highness the Maharani of Vizianagram has been pleased to approve of this arrangement, which is in conformity with the wishes of her late lamented son.

3. You will, of course, understand that the offer now made is subject to the sanction of Government. I shall be glad if you will lay the matter before the Municipal Council and forward me its resolution. If the offer is found acceptable, I shall address Government and obtain its orders in regard to the proposal.

Extract from the Proceedings of the Municipal Council, Vizianagram, dated 12th August 1899.

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Read Proceedings of the Madras Government, dated 16th December 1898, *Mis. No. 2170 M.*

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Resolution No. 1.—The Council unanimously resolves to gratefully accept the liberal offer of the Collector and Guardian of the Vizianagram Samasthanam to liquidate the loan of half the cost of the water scheme not exceeding a lakh and a half rupees subject to the conditions specified in his letter. The Council thinks that with this offer as well as the equally liberal offer of the Government to contribute a moiety of the estimated cost and advance the balance from Provincial funds it will be in a position to undertake the scheme and proposes to levy, with the sanction of Government, a water-tax at 8 per cent. on the estimated annual rent value of buildings other than those belonging to the Samasthanam, so as to meet the pumping and other charges to as much an extent as possible. Resolved further that the Council do place on record its deep sense of obligation and gratitude to the Government and Her Highness the Maharani of Vizianagram for their liberal offers.

* * * * *

Endt. on S.C. No. 1176, *dated* 29*th August* 1899.

Forwarded through the Collector, Vizagapatam.

If the offer of the Vizianagram Samasthanam is accepted, there should be no difficulty in financing the scheme.

W. W. PHILLIPS,
Ag. Principal Assistant Collector.

Endt. on C. No. 2511, *dated* 31*st August* 1899.

Forwarded.

W. O. HORNE,
Collector.

Order—No. 1652 M., dated 10th November 1899.

The Government does not consider that the Municipal Council of Vizianagram can undertake the scheme for the water-supply of the town recommended by the Sanitary Board, unless the Vizianagram estate contributes a moiety of the initial cost. The Government does not think it advisable that the Council should accept the contribution promised by the Maharani on the terms stated in the correspondence, and therefore the question of undertaking the work must be postponed until the Maharaja comes of age and is ready to give such assistance as may be needed for financing the scheme.

(True Extract.)

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Ag. Secretary to Government.

To the Chairman, Municipal Council, Vizianagram.
" Collector of Vizagapatam.
" Sanitary Board.
" " Commissioner.
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Government of Madras.

LOCAL AND MUNICIPAL DEPARTMENT.

MISCELLANEOUS.

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1899.

Regd. *Spare copies*

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N. P.

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Read—the following paper :—

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2. I, therefore, recommend that Government be apprised of this in the Local and Municipal Department, so that if the estimate be finally sanctioned in that department the sanction may be accorded subject to further scrutiny of the rates.

A. W. SMART, Col., R.E.,
Ag. President, Sanitary Board.

Resolution—No. 79/S., dated 1st March 1899.

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(True Extract.)

R. PARSONS,
Secretary, Sanitary Board.

To the Secretary to Government, Local and Municipal Department,
with a copy of G.O., No. 2310 W., dated 6th September 1898.

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Letter—from M.R.Ry. V. VENKATRAYA SASTRI Garu, Chairman, Municipal Council, Vizianagram.
To—the Secretary to Government, Local and Municipal Department (through the Revenue Divisional officer).
Dated—the 25th August 1899.
No.—513-C.

With reference to G.O., Mis. No. 2170 M., dated 16th December last, forwarding, for the Council's remarks, the plans and estimates and the Proceedings of the Sanitary Board in connection with the water-supply scheme to the town of Vizianagram, and requesting the Municipal Council to ascertain and report whether the contribution promised by the late Maharaja will now be realised, I have the honour to forward herewith copy of the Proceedings of the Municipal Council held on the 12th instant and the letter of the Collector and Guardian of the Vizianagram Samasthanam, dated 26th June 1899, No. 271, for the information and approval of the Government.

2. With reference to paragraph 1 of the order under reply, I beg to submit that the Council entirely agrees with the views of the Sanitary Board in selecting the Ootagedda scheme in preference to others for reasons stated by the Board in paragraph 3 of its proceedings, dated 23rd September 1898, No. 556/S.

3. The infiltration trench, which is estimated to cost Rs. 10,500, is proposed to be dug in order to test the nature of the yield. The Council considers that this is the vital point of the whole scheme and trusts it will prove that there will be a sufficient supply of water in all seasons of the year, regard being had to the previous experience obtained by a daily record kept of the depth of water flowing over the weir board fixed on the upper anicut of Ootagedda successively for three months in the driest season of 1898 which produced satisfactory results.

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Letter—from H. F. W. GILLMAN, Esq., I.C.S., Collector and Guardian, Vizianagram.
To—the Chairman, Municipal Council, Vizianagram.
Dated—the 26th June 1899.
No.—271-A/Rev.

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Resolution No. 1.—The Council unanimously resolves to gratefully accept the liberal offer of the Collector and Guardian of the Vizianagram Samasthanam to liquidate the loan of half the cost of the water scheme not exceeding a lakh and a half rupees subject to the conditions specified in his letter. The Council thinks that with this offer as well as the equally liberal offer of the Government to contribute a moiety of the estimated cost and advance the balance from Provincial funds it will be in a position to undertake the scheme and proposes to levy, with the sanction of Government, a water-tax at 8 per cent. on the estimated annual rent value of buildings other than those belonging to the Samasthanam, so as to meet the pumping and other charges to as much an extent as possible. Resolved further that the Council do place on record its deep sense of obligation and gratitude to the Government and Her Highness the Maharani of Vizianagram for their liberal offers.

* * * * *

Endt. on S.C. No. 1176, *dated 29th August* 1899.

Forwarded through the Collector, Vizagapatam.

If the offer of the Vizianagram Samasthanam is accepted, there should be no difficulty in financing the scheme.

W. W. PHILLIPS,
Ag. Principal Assistant Collector.

Endt. on C. No. 2511, *dated 31st August* 1899.

Forwarded.

W. O. HORNE,
Collector.

Order—No. 1652 M., dated 10th November 1899.

The Government does not consider that the Municipal Council of Vizianagram can undertake the scheme for the water-supply of the town recommended by the Sanitary Board, unless the Vizianagram estate contributes a moiety of the initial cost. The Government does not think it advisable that the Council should accept the contribution promised by the Maharani on the terms stated in the correspondence, and therefore the question of undertaking the work must be postponed until the Maharaja comes of age and is ready to give such assistance as may be needed for financing the scheme.

(True Extract.)

M. HAMMICK,
Ag. Secretary to Government.

To the Chairman, Municipal Council, Vizianagram.
" Collector of Vizagapatam.
" Sanitary Board.
" " Commissioner.
" " Engineer.

LOCAL AND MUNICIPAL DEPARTMENT.

NOTES CONNECTED WITH G.O., No. 1652 M., DATED 10TH NOVEMBER 1899.

[SUBJECT.—*Vizianagram water-supply scheme.*]

From the Sanitary Board, dated 1st March 1899, *No.* 79-S.

From the Collector of Vizagapatam, dated 31st August 1899, *C. No.* 2511.

In G.O., No. 2170 M., dated 16th December 1898, the plans and estimates of a scheme for the water-supply of Vizianagram, prepared by the Sanitary, Engineer, were forwarded to the Municipal Council for remarks. The Council was also requested to ascertain and report whether the contribution of Rs. 1,50,000 promised by the late Maharaja of Vizianagram would be realized, and if this was not possible, to state how it proposed to finance the scheme on the understanding that the Government would contribute a moiety of the estimated cost and advance the balance at 4 per cent. interest repayable in twenty years.

2. With the first of the letters read above, the Chairman forwards a copy of a communication addressed to him by the Collector and Guardian of the Vizianagram Samasthanam, in which that officer states that he is prepared to recommend to Government that the estate should pay interest on half the cost of the water-supply scheme, not exceeding Rs. 1,50,000, for such term of years as the Government may be pleased to fix for the liquidation of the principal and interest of such loan, by annual payments made to the Municipality, subject to the condition that all the estate buildings in the town are permanently exempted from payment of the water-tax. The Council, in its resolution No. 1, dated 12th August 1899, has accepted the offer of the Collector and Guardian of the Samasthanam and states that with this help and the offer of Government to contribute a moiety of the initial cost and advance the balance from Provincial funds, it will be in a position to undertake the scheme and it proposes to levy, with the sanction of Government, a water and drainage tax of 8 per cent. on the annual value of buildings other than those belonging to the Samasthanam so as to meet the annual maintenance charges. The Chairman also reports that the Council approves of the scheme recommended by the Sanitary Board as being the best and the cheapest.

3. The cost of the scheme, as originally estimated by the Sanitary Engineer, was Rs. 2,82,000. In its resolution No. 556-S., dated 23rd September 1898, the Sanitary Board pointed out that the estimate did not provide for compensation for the lands required for the construction of the infiltration gallery and the service reservoir and for those situated above and below the infiltration gallery, which would be rendered unfit for cultivation by the construction of the water-works and it accordingly recommended that the estimate should be raised to Rs. 2,92,550. The Sanitary Board also suggested that the infiltration gallery should be first excavated at a cost of Rs. 10,500 and the yield tested during the dry months of the year and that, if the results were satisfactory, the estimate for the whole scheme could then be revised. The Municipal Council, while considering that the construction of the infiltration gallery is the important point in the whole scheme, expresses the hope that the experiment will prove the sufficiency of the supply having regard to the previous experience obtained by a daily record kept of the depth of water flowing over the weir board fixed on the upper anicut of the Oottaigedda successively for three months in the driest season of 1898, which produced satisfactory results. The Council further states that the annual cost of pumping is over-estimated,

In G.O., No. 2170 M., dated 16th December 1898.

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LOCAL AND MUNICIPAL DEPARTMENT.

NOTES CONNECTED WITH G.O., No. 1652 M., DATED 10TH NOVEMBER 1899.

[SUBJECT.—*Vizianagram water-supply scheme.*]

From the Sanitary Board, dated 1st March 1899, *No.* 79-S.

From the Collector of Vizagapatam, dated 31st August 1899, *C. No.* 2511.

In G.O., No. 2170 M., dated 16th December 1898, the plans and estimates of a scheme for the water-supply of Vizianagram, prepared by the Sanitary, Engineer, were forwarded to the Municipal Council for remarks. The Council was also requested to ascertain and report whether the contribution of Rs. 1,50,000 promised by the late Maharaja of Vizianagram would be realized, and if this was not possible, to state how it proposed to finance the scheme on the understanding that the Government would contribute a moiety of the estimated cost and advance the balance at 4 per cent. interest repayable in twenty years.

2. With the first of the letters read above, the Chairman forwards a copy of a communication addressed to him by the Collector and Guardian of the Vizianagram Samasthanam, in which that officer states that he is prepared to recommend to Government that the estate should pay interest on half the cost of the water-supply scheme, not exceeding Rs. 1,50,000, for such term of years as the Government may be pleased to fix for the liquidation of the principal and interest of such loan, by annual payments made to the Municipality, subject to the condition that all the estate buildings in the town are permanently exempted from payment of the water-tax. The Council, in its resolution No. 1, dated 12th August 1899, has accepted the offer of the Collector and Guardian of the Samasthanam and states that with this help and the offer of Government to contribute a moiety of the initial cost and advance the balance from Provincial funds, it will be in a position to undertake the scheme and it proposes to levy, with the sanction of Government, a water and drainage tax of 8 per cent. on the annual value of buildings other than those belonging to the Samasthanam so as to meet the annual maintenance charges. The Chairman also reports that the Council approves of the scheme recommended by the Sanitary Board as being the best and the cheapest.

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Government of Madras.

LOCAL AND MUNICIPAL DEPARTMENT.

MISCELLANEOUS.

Read. — *Enclosures*

1899.

Regd. — *Spare copies*

G.O., No. 1652 M.; 10th November 1899.

Water-supply.

Stating that the Government does not consider that the Municipal Council of Vizianagram can undertake the scheme for the — of the town unless the Vizianagram estate contributes a moiety of the cost and that the question of undertaking the work must be postponed until the Maharaja comes of age and is ready to give such assistance as may be needed for financing the scheme.

GOVERNMENT OF MADRAS.

LOCAL AND MUNICIPAL DEPARTMENT.

Read—the following papers :—

I

G.O., No. 2170 M., dated 16th December 1898.

II

Proceedings of the Sanitary Board, No. 79/S., dated 1st March 1899.

Read—the following paper :—

Note by the President, Sanitary Board.

In Proceedings of the Sanitary Board, No. 556/S., dated 23rd September 1898, an estimate amounting to Rs. 2,82,000 for the Vizianagram water-supply project, prepared by the Acting Sanitary Engineer, Mr. Russel, was submitted to Government for orders. The rates in the estimate were, Mr. Russel informs me, based on the Public Works Department schedule of the Vizagapatam division. This schedule has since been found by the Chief Engineer to be "manifestly inaccurate*." The rates are understood to be too low. It is impossible to say how much the rates will have to be increased until the schedule of rates has been revised by the local officers, but the information will be obtained as soon as practicable.

* *Vide* G.O., No. 2310 W., dated 6th September 1898.

2. I, therefore, recommend that Government be apprised of this in the Local and Municipal Department, so that if the estimate be finally sanctioned in that department the sanction may be accorded subject to further scrutiny of the rates.

A. W. Smart, Col., R.E.,
Ag. President, Sanitary Board.

Resolution—No. 79/S., dated 1st March 1899.

The note of the President read above will be submitted to Government with reference to G.O., Mis. No. 2170 M., dated 16th December 1898.

(True Extract.)

R. Parsons,
Secretary, Sanitary Board.

To the Secretary to Government, Local and Municipal Department,
with a copy of G.O., No. 2310 W., dated 6th September 1898.

III

Letter—from M.R.Ry. V. Venkatraya Sastri Garu, Chairman, Municipal Council, Vizianagram.
To—the Secretary to Government, Local and Municipal Department (through the Revenue Divisional officer).
Dated—the 25th August 1899.
No.—513-C.

With reference to G.O., Mis. No. 2170 M., dated 16th December last, forwarding, for the Council's remarks, the plans and estimates and the Proceedings of the Sanitary Board in connection with the water-supply scheme to the town of Vizianagram, and requesting the Municipal Council to ascertain and report whether the contribution promised by the late Maharaja will now be realised, I have the honour to forward herewith copy of the Proceedings of the Municipal Council held on the 12th instant and the letter of the Collector and Guardian of the Vizianagram Samasthanam, dated 26th June 1899, No. 271, for the information and approval of the Government.

2. With reference to paragraph 1 of the order under reply, I beg to submit that the Council entirely agrees with the views of the Sanitary Board in selecting the Ootagedda scheme in preference to others for reasons stated by the Board in paragraph 3 of its proceedings, dated 23rd September 1898, No. 556/S.

3. The infiltration trench, which is estimated to cost Rs. 10,500, is proposed to be dug in order to test the nature of the yield. The Council considers that this is the vital point of the whole scheme and trusts it will prove that there will be a sufficient supply of water in all seasons of the year, regard being had to the previous experience obtained by a daily record kept of the depth of water flowing over the weir board fixed on the upper anicut of Ootagedda successively for three months in the driest season of 1898 which produced satisfactory results.

4. The average quantity required for the consumption of the towns-people taken at 15 gallons per head is estimated to be 6,00,000 gallons a day on a population of 40,000 souls. The daily average flow of the water thus gauged being (2″ × 24″) over the board, the yield may be estimated at 1,846,000 gallons a day which is above the required quantity.

5. The chemical analysis also shows that the water of the flowing river as well as that of wells dug in its bed is pure and fit for drinking purposes.

6. The annual cost of pumping is, in the opinion of the Council, rather overestimated taking into consideration the local rates of wages paid to persons employed on similar works and the price of fuel in the place. On an information obtained of the actual charges incurred by the Dindigul Municipality (population 20,000) for the maintenance of a pumping station where the cost did not exceed Rs. 1,836 or Rs. 1,900 a year, it cannot be estimated that it would cost here more than double that amount, viz., Rs. 3,800 or Rs. 4,000 in round numbers actually.

7. The question of settling the compensation need not engage the Government till the scheme is found to actually stand the test of the supply into the infiltration gallery proposed to be dug. The ground selected for the trench is not an arable land, but one of gravel and small stones the acquisition of which will not, in my opinion, be difficult if at all an acquisition is necessary.

8. With reference to paragraph 2 of the order, I beg to inform you that the Council considers the project to be the best in every way and the cheapest that it could think of, and hopes that the scheme will prove a success and relieve the public of the distress they have so long felt in the matter of a good supply of pure drinking water. In obedience to the Government Order and in accordance with the wishes of the Council, I negotiated with the Samasthanam authorities who have agreed to fulfil the promise so generously made by the late lamented Maharaja subject to the conditions laid down by the Collector and Guardian in his letter No. 271, dated 26th June last.

9. The Council most thankfully accepts the offer of Government to contribute half the cost of the scheme and feels equally thankful to Her Highness the Maharani Sahiba for the liberal offer now made, supported by the good advice of the Collector and Guardian, and requests that the Government will be pleased to approve the resolution of the Council in borrowing one and a half lakhs of rupees from the Samastanam

authorities under the conditions laid in the Collector and Guardian's letter above quoted, to be supplemented to a similar amount which the Government is pleased to make a grant of, towards the cost of the scheme.

10. In the event of Government sanctioning the loan which the Municipality proposes, the Council shall have to levy a water-rate at 8 per cent. on all buildings and lands within the Municipality other than those belonging to the Samastanam, in order to enable it to meet the cost of maintaining the works. The marginally-noted figures will give detailed information as to how the money thus raised will be spent. The amount which the Government may be pleased to advance will be liquidated with interest at 4 per cent. in 20 years by the Samasthanam on condition that its buildings are exempted from paying water-tax.

	Rs.
Average actual collections under tax on buildings and lands at 7½ per cent.	9,968
Estimated revenue collectable as water-rate at 8 per cent.	10,633
Deduct water-rate on Samasthaman buildings at 8 per cent.	3,200
Amount of water-rate available for expenses ..	7,433
Amount to be met from other sources ..	1,567
Amount required for the maintenance of pumping station annually	9,000

11. In conclusion, the Council most earnestly requests that the Government be pleased to sanction the proposals made for carrying out the scheme, viz.—

(1) to make a grant of half the cost of the water scheme;

(2) to permit the Council to raise a loan from Provincial funds, the liquidation of which is guaranteed by the Samasthanam as shown in the letter No. 271 of 26th June 1899 of the Collector and Guardian;

(3) to sanction the levy of water-tax on buildings and lands within the Municipality and to allow the Council to exempt the tax on Samasthanam buildings;

(4) to advance the sum of Rs. 10,500 required for the excavation of the trench for the infiltration gallery;

(5) to order the acquisition of the land required for the gallery, if necessary.

12. The Municipal Council wishes to take up the work at once and would like to see that the work is actually commenced during the next winter, a favourable season for earthworks. Meanwhile the necessary preliminaries may be adopted.

13. The delay in replying to the above proceedings was due to the fact that Her Highness the Maharani Sahiba was absent from the place, and nothing could be settled until Her Highness' return to Vizianagram. I therefore most earnestly beg that the Government will be pleased to pass early orders on the subject so that the work may be taken up before long.

The plans, estimates and other papers connected with the subject are herewith returned as directed.

ENCLOSURES.

Letter—from H. F. W. GILLMAN, Esq., I.C.S., Collector and Guardian, Vizianagram.
To—the Chairman, Municipal Council, Vizianagram.
Dated—the 26th June 1899.
No.—271-A/Rev.

In reply to your letter No. 314 of 23rd March 1899, I have the honour to state that subject to the condition that all the estate buildings in this Municipality will permanently be exempted from payment of water-taxes, I am prepared to recommend to Government that the estate should pay interest on half the cost of the water-supply scheme to this town, not exceeding one and half lakhs of rupees, for such a term of years as the Government may be pleased to fix for the liquidation of the principal and interest of such loan, by annual payments made by the Samasthanam to the Municipality.

In such an arrangement, the Municipality will borrow the amount from Government and the estate will guarantee liquidation of this amount on the terms above named.

2. I may add that Her Highness the Maharani of Vizianagram has been pleased to approve of this arrangement, which is in conformity with the wishes of her late lamented son.

3. You will, of course, understand that the offer now made is subject to the sanction of Government. I shall be glad if you will lay the matter before the Municipal Council and forward me its resolution. If the offer is found acceptable, I shall address Government and obtain its orders in regard to the proposal.

Extract from the Proceedings of the Municipal Council, Vizianagram, dated 12th August 1899.

* * * * *

Read Proceedings of the Madras Government, dated 16th December 1898, Mis. No. 2170 M.

Read letter from the Collector and Guardian of the Vizianagram Samasthanam, dated the 26th June last, No. 271-A, stating that he is prepared to recommend to Government that the estate should pay interest on half the cost of water-supply scheme to the town, not exceeding one and half lakhs of rupees, for such term of years as the Government may be pleased to fix for the liquidation of the principal and interest, subject to the condition that all the estate buildings in the Municipality will permanently be exempted from payment of water-taxes and requesting the Council to forward its resolution on the subject.

Resolution No. 1.—The Council unanimously resolves to gratefully accept the liberal offer of the Collector and Guardian of the Vizianagram Samasthanam to liquidate the loan of half the cost of the water scheme not exceeding a lakh and a half rupees subject to the conditions specified in his letter. The Council thinks that with this offer as well as the equally liberal offer of the Government to contribute a moiety of the estimated cost and advance the balance from Provincial funds it will be in a position to undertake the scheme and proposes to levy, with the sanction of Government, a water-tax at 8 per cent. on the estimated annual rent value of buildings other than those belonging to the Samasthanam, so as to meet the pumping and other charges to as much an extent as possible. Resolved further that the Council do place on record its deep sense of obligation and gratitude to the Government and Her Highness the Maharani of Vizianagram for their liberal offers.

* * * * *

Endt. on S.C. No. 1176, *dated* 29*th August* 1899.

Forwarded through the Collector, Vizagapatam.

If the offer of the Vizianagram Samasthanam is accepted, there should be no difficulty in financing the scheme.

W. W. PHILLIPS,
Ag. Principal Assistant Collector.

Endt. on C. No. 2511, *dated* 31*st August* 1899.

Forwarded.

W. O. HORNE,
Collector.

Order—No. 1652 M., dated 10th November 1899.

The Government does not consider that the Municipal Council of Vizianagram can undertake the scheme for the water-supply of the town recommended by the Sanitary Board, unless the Vizianagram estate contributes a moiety of the initial cost. The Government does not think it advisable that the Council should accept the contribution promised by the Maharani on the terms stated in the correspondence, and therefore the question of undertaking the work must be postponed until the Maharaja comes of age and is ready to give such assistance as may be needed for financing the scheme.

(True Extract.)

M. HAMMICK,
Ag. Secretary to Government.

To the Chairman, Municipal Council, Vizianagram.
" Collector of Vizagapatam.
" Sanitary Board.
" " Commissioner.
" " Engineer.

authorities under the conditions laid in the Collector and Guardian's letter above quoted, to be supplemented to a similar amount which the Government is pleased to make a grant of, towards the cost of the scheme.

10. In the event of Government sanctioning the loan which the Municipality proposes, the Council shall have to levy a water-rate at 8 per cent. on all buildings and lands within the Municipality other than those belonging to the Samastanam, in order to enable it to meet the cost of maintaining the works. The marginally-noted figures will give detailed information as to how the money thus raised will be spent. The amount which the Government may be pleased to advance will be liquidated with interest at 4 per cent. in 20 years by the Samasthanam on condition that its buildings are exempted from paying water-tax.

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In such an arrangement, the Municipality will borrow the amount from Government and the estate will guarantee liquidation of this amount on the terms above named.

2. I may add that Her Highness the Maharani of Vizianagram has been pleased to approve of this arrangement, which is in conformity with the wishes of her late lamented son.

3. You will, of course, understand that the offer now made is subject to the sanction of Government. I shall be glad if you will lay the matter before the Municipal Council and forward me its resolution. If the offer is found acceptable, I shall address Government and obtain its orders in regard to the proposal.

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Resolution No. 1.—The Council unanimously resolves to gratefully accept the liberal offer of the Collector and Guardian of the Vizianagram Samasthanam to liquidate the loan of half the cost of the water scheme not exceeding a lakh and a half rupees subject to the conditions specified in his letter. The Council thinks that with this offer as well as the equally liberal offer of the Government to contribute a moiety of the estimated cost and advance the balance from Provincial funds it will be in a position to undertake the scheme and proposes to levy, with the sanction of Government, a water-tax at 8 per cent. on the estimated annual rent value of buildings other than those belonging to the Samasthanam, so as to meet the pumping and other charges to as much an extent as possible. Resolved further that the Council do place on record its deep sense of obligation and gratitude to the Government and Her Highness the Maharani of Vizianagram for their liberal offers.

* * * * *

Endt. on S.C. No. 1176, *dated* 29*th August* 1899.

Forwarded through the Collector, Vizagapatam.

If the offer of the Vizianagram Samasthanam is accepted, there should be no difficulty in financing the scheme.

W. W. PHILLIPS,
Ag. Principal Assistant Collector.

Endt. on C. No. 2511, *dated* 31*st August* 1899.

Forwarded.

W. O. HORNE,
Collector.

Order—No. 1652 M., dated 10th November 1899.

The Government does not consider that the Municipal Council of Vizianagram can undertake the scheme for the water-supply of the town recommended by the Sanitary Board, unless the Vizianagram estate contributes a moiety of the initial cost. The Government does not think it advisable that the Council should accept the contribution promised by the Maharani on the terms stated in the correspondence, and therefore the question of undertaking the work must be postponed until the Maharaja comes of age and is ready to give such assistance as may be needed for financing the scheme.

(True Extract.)

M. HAMMICK,
Ag. Secretary to Government.

To the Chairman, Municipal Council, Vizianagram.
" Collector of Vizagapatam.
" Sanitary Board.
" " Commissioner.
" " Engineer.

Government of Madras.

LOCAL AND MUNICIPAL DEPARTMENT.

MISCELLANEOUS.

Read.
Regd.
} 1899.
Enclosures
Spare copies

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Water-supply.

Stating that the Government does not consider that the Municipal Council of Vizianagram can undertake the scheme for the — of the town unless the Vizianagram estate contributes a moiety of the cost and that the question of undertaking the work must be postponed until the Maharaja comes of age and is ready to give such assistance as may be needed for financing the scheme.

GOVERNMENT OF MADRAS.

LOCAL AND MUNICIPAL DEPARTMENT.

READ—the following papers :—

I

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II

Proceedings of the Sanitary Board, No. 79/S., dated 1st March 1899.

Read—the following paper :—

Note by the President, Sanitary Board.

In Proceedings of the Sanitary Board, No. 556/S., dated 23rd September 1898, an estimate amounting to Rs. 2,82,000 for the Vizianagram water-supply project, prepared by the Acting Sanitary Engineer, Mr. Russel, was submitted to Government for orders. The rates in the estimate were, Mr. Russel informs me, based on the Public Works Department schedule of the Vizagapatam division. This schedule has since been found by the Chief Engineer to be "manifestly inaccurate*." The rates are understood to be too low. It is impossible to say how much the rates will have to be increased until the sch... of rates has been revised by the local officers, but the information ... as soon as practicable.

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Vide G.O., No. 2310 W., dated 6th September 1898.

Resolution—N...

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To the Secretary to Governm...

III

Letter—from M.R.Ry. V. VENKATRAYA SASTRI Garu, Chairman, Municipal Council, Vizianagram.
To—the Secretary to Government, Local and Municipal Department (through the Revenue Divisional officer).
Dated—the 25th August 1899.
No.—513-C.

With reference to G.O., Mis. No. 2170 M., dated 16th December last, forwarding, for the Council's remarks, the plans and estimates and the Proceedings of the Sanitary Board in connection with the water-supply scheme to the town of Vizianagram, and requesting the Municipal Council to ascertain and report whether the contribution promised by the late Maharaja will now be realised, I have the honour to forward herewith copy of the Proceedings of the Municipal Council held on the 12th instant and the letter of the Collector and Guardian of the Vizianagram Samasthanam, dated 26th June 1899, No. 271, for the information and approval of the Government.

2. With reference to paragraph 1 of the order under reply, I beg to submit that the Council entirely agrees with the views of the Sanitary Board in selecting the Ootagedda scheme in preference to others for reasons stated by the Board in paragraph 3 of its proceedings, dated 23rd September 1898, No. 556/S.

3. The infiltration trench, which is estimated to cost Rs. 10,500, is proposed to be dug in order to test the nature of the yield. The Council considers that this is the vital point of the whole scheme and trusts it will prove that there will be a sufficient supply of water in all seasons of the year, regard being had to the previous experience obtained by a daily record kept of the depth of water flowing over the weir board fixed on the upper anicut of Ootagedda successively for three months in the driest season of 1898 which produced satisfactory results.

4. The average quantity required for the consumption of the towns-people taken at 15 gallons per head is estimated to be 6,00,000 gallons a day on a population of 40,000 souls. The daily average flow of the water thus gauged being (2″ × 24″) over the board, the yield may be estimated at 1,846,000 gallons a day which is above the required quantity.

5. The chemical analysis also shows that the water of the flowing river as well as that of wells dug in its bed is pure and fit for drinking purposes.

6. The annual cost of pumping is, in the opinion of the Council, rather over-estimated taking into consideration the local rates of wages paid to persons employed on similar works and the price of fuel in the place. On an information obtained of ...al charges incurred by the Dindigul Municipality (population 20,000) for the ... pumping station where the cost did not exceed Rs. 1,836 or Rs. 1,900 ...timated that it would cost here more than double that amount, ...0 in round numbers actually.

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Water-supply. ...f Government to contribute ...ter Highness the Maharani

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10. In the event of Government sanctioning the loan which the Municipality proposes, the Council shall have to levy a water-rate at 8 per cent. on all buildings and lands within the Municipality other than those belonging to the Samastanam, in order to enable it to meet the cost of maintaining the works. The marginally-noted figures will give detailed information as to how the money thus raised will be spent. The amount which the Government may be pleased to advance will be liquidated with interest at 4 per cent. in 20 years by the Samasthanam on condition that its buildings are exempted from paying water-tax.

	Rs.
Average actual collections under tax on buildings and lands at 7½ per cent.	9,968
Estimated revenue collectable as water-rate at 8 per cent.	10,633
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Amount of water-rate available for expenses ..	7,433
Amount to be met from other sources ..	1,567
Amount required for the maintenance of pumping station annually	9,000

11. In conclusion, the Council most earnestly requests that the Government be pleased to sanction the proposals made for carrying out the scheme, viz.—

(1) to make a grant of half the cost of the water scheme;

(2) to permit the Council to raise a loan from Provincial funds, the liquidation of which is guaranteed by the Samasthanam as shown in the letter No. 271 of 26th June 1899 of the Collector and Guardian;

(3) to sanction the levy of water-tax on buildings and lands within the Municipality and to allow the Council to exempt the tax on Samasthanam buildings;

(4) to advance the sum of Rs. 10,500 required for the excavation of the trench for the infiltration gallery;

(5) to order the acquisition of the land required for the gallery, if necessary.

12. The Municipal Council wishes to take up the work at once and would like to see that the work is actually commenced during the next winter, a favourable season for earthworks. Meanwhile the necessary preliminaries may be adopted.

13. The delay in replying to the above proceedings was due to the fact that Her Highness the Maharani Sahiba was absent from the place, and no good settled until Her Highness' return to Vizianagram. I therefore request that the Government will be pleased to pass early orders, as nothing could be work may be taken up before long.

The plans, estimates and other papers connected with the subject are herewith returned as directed.

Letter—from H. F. W. G[illman]
To—the Chairman, M[unicipal Council]
Dated—the 26th Ju[ne 1899]
No.—271-A/Rev. *Con*—*N*[o. 314]

ENCLOSURES.

In reply to your letter No. [314] of 23rd March 1899, I have the honour to state that subject to the condition that all the [estate] buildings in this Municipality will permanently be exempted from payment of water-tax[es], I am prepared to recommend to Government that the estate should pay interest on half the co[st] of the water-supply scheme to this town, not exceeding one and half lakhs of rupees, for such a term of years as the Government may be pleased to fix for the liquidation of the princi[pal and interest of such loan, by annual payments made by the Samasthanam to the Municipa[lity.

In such an arrang[ement, the Municipality will borrow the amount from Government and the estate will guarant[ee liquidation of this amount on the terms above named.

H. F. W. GILLMAN, Esq., I.C.S., Collector and Guardian, Vizianagram.
The President, Municipal Council, Vizianagram.
Dated the 26th June 1899.

2. I may add that Her Highness the Maharani of Vizianagram has been pleased to approve of this arrangement, which is in conformity with the wishes of her late lamented son.

3. You will, of course, understand that the offer now made is subject to the sanction of Government. I shall be glad if you will lay the matter before the Municipal Council and forward me its resolution. If the offer is found acceptable, I shall address Government and obtain its orders in regard to the proposal.

Extract from the Proceedings of the Municipal Council, Vizianagram, dated 12th August 1899.

* * * * *

Read Proceedings of the Madras Government, dated 16th December 1898, Mis. No. 2170 M.

Read letter from the Collector and Guardian of the Vizianagram Samasthanam, dated the 26th June last, No. 271-A, stating that he is prepared to recommend to Government that the estate should pay interest on half the cost of water-supply scheme to the town, not exceeding one and half lakhs of rupees, for such term of years as the Government may be pleased to fix for the liquidation of the principal and interest, subject to the condition that all the estate buildings in the Municipality will permanently be exempted from payment of water-taxes and requesting the Council to forward its resolution on the subject.

Resolution No. 1.—The Council unanimously resolves to gratefully accept the liberal offer of the Collector and Guardian of the Vizianagram Samasthanam to liquidate the loan of half the cost of the water scheme not exceeding a lakh and a half rupees subject to the conditions specified in his letter. The Council thinks that with this offer as well as the equally liberal offer of the Government to contribute a moiety of the estimated cost and advance the balance from Provincial funds it will be in a position to undertake the scheme and proposes to levy, with the sanction of Government, a water-tax at 8 per cent. on the estimated annual rent value of buildings other than those belonging to the Samasthanam, so as to meet the pumping and other charges to as much an extent as possible. Resolved further that the Council do place on record its deep sense of obligation and gratitude to the Government and Her Highness the Maharani of Vizianagram for their liberal offers.

* * * * *

Endt. on S.C. No. 1176, *dated* 29*th August* 1899.

Forwarded through the Collector, Vizagapatam.

If the offer of the Vizianagram Samasthanam is accepted, there should be no difficulty in financing the scheme.

W. W. PHILLIPS,
Ag. Principal Assistant Collector.

Endt. on C. No. 2511, *dated* 31*st August* 1899.

Forwarded.

W. O. HORNE,
Collector.

[Sep]tember 1899.

Order—No. 1652 M., dated 10th Novembe[r] 1899.

The Municipal Council of Vizianagram

The Government does not consider that t[he] of the town recommended by the can undertake the scheme for the water-supply [and] ributes a moiety of the initial cost. Sanitary Board, unless the Vizianagram estate cont[ribution] Council should accept the contri- The Government does not think it advisable that the [proposal] d in the correspondence, and bution promised by the Maharani on the terms state[d] postponed until the Maharaja therefore the question of undertaking the work must be [left] be needed for financing the comes of age and is ready to give such assistance as may [be] scheme.

(True Extract.)

M. HAMMICK,
[Sec]retary to Government.
Ag. Secretary to Government.

To the Chairman, Municipal Council, Vizianagram.
" Collector of Vizagapatam.
" Sanitary Board.
" " Commissioner.
" " Engineer.

Co[py] for[war]ded [for] [in]formation.

Government of Madras.

LOCAL AND MUNICIPAL DEPARTMENT.

MISCELLANEOUS.

Read. — *Enclosures*

1899.

Regd. — *Spare copies*

G.O., No. 1652 M., 10th November 1899.

Water-supply.

Stating that the Government does not consider that the Municipal Council of Vizianagram can undertake the scheme for the — of the town unless the Vizianagram estate contributes a moiety of the cost and that the question of undertaking the work must be postponed until the Maharaja comes of age and is ready to give such assistance as may be needed for financing the scheme.

GOVERNMENT OF MADRAS.

LOCAL AND MUNICIPAL DEPARTMENT.

READ—the following papers :—

I

G.O., No. 2170 M., dated 16th December 1898.

II

Proceedings of the Sanitary Board, No. 79/S., dated 1st March 1899.

Read—the following paper :—

Note by the President, Sanitary Board.

In Proceedings of the Sanitary Board, No. 556/S., dated 23rd September 1898, an estimate amounting to Rs. 2,82,000 for the Vizianagram water-supply project, prepared by the Acting Sanitary Engineer, Mr. Russel, was submitted to Government for orders. The rates in the estimate were, Mr. Russel informs me, based on the Public Works Department schedule of the Vizagapatam division. This schedule has since been found by the Chief Engineer to be "manifestly inaccurate*." The rates are understood to be too low. It is impossible to say how much the rates will have to be increased until the schedule of rates has been revised by the local officers, but the information will be obtained as soon as practicable.

Vide G.O., No. 2310 W., dated 6th September 1898.

2. I, therefore, recommend that Gover[illegible] be finally sanctioned in [illegible]cal and Municipal Department, so that if the e[illegible]ment the sanction may be accorded subject further scrutiny of the rates.

A. W. SMART, Col., R.E.,
Ag. President, Sanitary Board.

Resolution—No. 79/*S., dated* 1*st March* 1899.

The not[illegible] reference to[illegible] of the President read above will be submitted to Government with G.O., Mis. No. 2170 M., dated 16th December 1898.

(True Extract.)

R. PARSONS,
Secretary, Sanitary Board.

To [illegible]
e Secretary to Government, Local and Municipal Department,
with a copy of G.O., No. 2310 W., dated 6th September 1898.

III

Letter—from M.R.Ry. V. VENKATRAYA SASTRI Garu, Chairman, Municipal Council, Vizianagram.
To—the Secretary to Government, Local and Municipal Department (through the Revenue Divisional officer).
Dated—the 25th August 1899.
No.—513-C.

With reference to G.O., Mis. No. 2170 M., dated 16th December last, forwarding, for the Council's remarks, the plans and estimates and the Proceedings of the Sanitary Board in connection with the water-supply scheme to the town of Vizianagram, and requesting the Municipal Council to ascertain and report whether the contribution promised by the late Maharaja will now be realised, I have the honour to forward herewith copy of the Proceedings of the Municipal Council held on the 12th instant and the letter of the Collector and Guardian of the Vizianagram Samasthanam, dated 26th June 1899, No. 271, for the information and approval of the Government.

2. With reference to paragraph 1 of the order under reply, I beg to submit that the Council entirely agrees with the views of the Sanitary Board in selecting the Ootagedda scheme in preference to others for reasons stated by the Board in paragraph 3 of its proceedings, dated 23rd September 1898, No. 556/S.

3. The infiltration trench, which is estimated to cost Rs. 10,500, is proposed to be dug in order to test the nature of the yield. The Council considers that this is the vital point of the whole scheme and trusts it will prove that there will be a sufficient supply of water in all seasons of the year, regard being had to the previous experience obtained by a daily record kept of the depth of water flowing over the weir board fixed on the upper anicut of Ootagedda successively for three months in the driest season of 1898 which produced satisfactory results.

4. The average quantity required for the consumption of the towns-people taken at 15 gallons per head is estimated to be 6,00,000 gallons a day on a population of 40,000 souls. The daily average flow of the water thus gauged being (2″ × 24″) over the board, the yield may be estimated at 1,846,000 gallons a day which is above the required quantity.

5. The chemical analysis also shows that the water of the flowing river as well as that of wells dug in its bed is pure and fit for drinking purposes.

6. The annual cost of pumping is, in the opinion of the Council, rather over-estimated taking into consideration the local rates of wages paid to persons employed on similar works and the price of fuel in the place. On an information obtained of the actual charges incurred by the Dindigul Municipality (population 20,000) for the maintenance of a pumping station where the cost did not exceed Rs. 1,836 or Rs. 1,900 a year, it cannot be estimated that it would cost here more than double that amount, viz., Rs. 3,800 or Rs. 4,000 in round numbers actually.

7. The question of settling the compensation need not engage the Government till the scheme is found to actually stand the test of the supply into the infiltration gallery proposed to be dug. The ground selected for the trench is not an arable land, but one of gravel and small stones the acquisition of which will not, in my opinion, be difficult if at all an acquisition is necessary.

8. With reference to paragraph 2 of the order, I beg to inform you that the Council considers the project to be the best in every way and the cheapest that it could think of, and hopes that the scheme will prove a success and relieve the public of the distress they have so long felt in the matter of a good supply of pure drinking water. In obedience to the Government Order and in accordance with the wishes of the Council, I negotiated with the Samasthanam authorities who have agreed to fulfil the promise so generously made by the late lamented Maharaja subject to the conditions laid down by the Collector and Guardian in his letter No. 271, dated 26th June last.

9. The Council most thankfully accepts the offer of Government to contribute half the cost of the scheme and feels equally thankful to Her Highness the Maharani Sahiba for the liberal offer now made, supported by the good advice of the Collector and Guardian, and requests that the Government will be pleased to approve the reso[illegible]lution of the Council in borrowing one and [illegible] lakhs of [illegible]

GOVERNMENT OF MADRAS.

LOCAL AND MUNICIPAL DEPARTMENT.

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* *Vide* G.O., No. 2310 W., dated 6th September 1898.

2. I, therefore, recommend that Govern[illegible] Local and Municipal Department, so that if the e[illegible]ment be apprised of this in the Lo[illegible]al and the sanction may be accorded subje[illegible]stimate be finally sanctioned in that depart[illegible]ment [illegible]ct to further scrutiny of the rates.

A. W. Smart, Col., R.E.,
Ag. President, Sanitary Board.

—N[illegible]

[illegible]side[illegible]

The not[illegible] No. *Resolution—No. 79/S., dated 1st March* 1899.

reference to[illegible]e of the President read above will be submitted to Government with [illegible] G.O., Mis. No. 2170 M., dated 16th December 1898.

(True Extract.)

R. Parsons,
Secretary, Sanitary Board.

To [illegible]

[illegible]he Secretary to Government, Local and Municipal Department,
with a copy of G.O., No. 2310 W., dated 6th September 1898.

III

Letter—from M.R.Ry. V. Venkatraya Sastri Garu, Chairman, Municipal Council, Vizianagram.
To—the Secretary to Government, Local and Municipal Department (through the Revenue Divisional officer).
Dated—the 25th August 1899.
No.—513-C.

With reference to G.O., Mis. No. 2170 M., dated 16th December last, forwarding, for the Council's remarks, the plans and estimates and the Proceedings of the Sanitary Board in connection with the water-supply scheme to the town of Vizianagram, and requesting the Municipal Council to ascertain and report whether the contribution promised by the late Maharaja will now be realised, I have the honour to forward herewith copy of the Proceedings of the Municipal Council held on the 12th instant and the letter of the Collector and Guardian of the Vizianagram Samasthanam, dated 26th June 1899, No. 271, for the information and approval of the Government.

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3. The infiltration trench, which is estimated to cost Rs. 10,500, is proposed to be dug in order to test the nature of the yield. The Council considers that this is the vital point of the whole scheme and trusts it will prove that there will be a sufficient supply of water in all seasons of the year, regard being had to the previous experience obtained by a daily record kept of the depth of water flowing over the weir board fixed on the upper anicut of Ootagedda successively for three months in the driest season of 1898 which produced satisfactory results.

4. The average quantity required for the consumption of the towns-people taken at 15 gallons per head is estimated to be 6,00,000 gallons a day on a population of 40,000 souls. The daily average flow of the water thus gauged being (2″ × 24″) over the board, the yield may be estimated at 1,846,000 gallons a day which is above the required quantity.

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6. The annual cost of pumping [illegible], in the opinion of the Council, rather overestimated taking into consideration the local rates of wages paid to persons employed on similar works and the price of fuel in the place. On an information obtained of the actual charges incurred by the Dindigul Municipality (population 20,000) for the maintenance of a pumping station where the cost did not exceed Rs. 1,836 or Rs. 1,900 a year, it cannot be estimated that it would cost here more than double that amount, viz., Rs. 3,800 or Rs. 4,000 in round numbers actually.

7. The question of settling the compensation need not engage the Government till the scheme is found to actually stand the test of the supply into the infiltration gallery proposed to be dug. The ground selected for the trench is not an arable land, but one of gravel and small stones the acquisition of which will not, in my opinion, be difficult if at all an acquisition is necessary.

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9. The Council most thankfully accepts the offer of Government to contribute half the cost of the scheme and feels equally thankful to Her Highness the Maharani Sahiba for the liberal offer now made, supported by the good advice of the Collector and Guardian, and requests that the Government will be pleased to approve the resolution of the Council in borrowing one and a half lakhs of rupees from the Samasthanam

GOVERNMENT OF MADRAS.

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—N

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(True Extract.)

R. PARSONS,
Secretary, Sanitary Board.

To

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with a copy of G.O., No. 2310 W., dated 6th September 1898.

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7. The question of settling the compensation need not engage the Government till the scheme is found to actually stand the test of the supply into the infiltration gallery proposed to be dug. The ground selected for the trench is not an arable land, but one of gravel and small stones the acquisition of which will not, in my opinion, be difficult if at all an acquisition is necessary.

8. With reference to paragraph 2 of the order, I beg to inform you that the Council considers the project to be the best in every way and the cheapest that it could think of, and hopes that the scheme will prove a success and relieve the public of the distress they have so long felt in the matter of a good supply of pure drinking water. In obedience to the Government Order and in accordance with the wishes of the Council, I negotiated with the Samasthanam authorities who have agreed to fulfil the promise so generously made by the late lamented Maharaja subject to the conditions laid down by the Collector and Guardian in his letter No. 271, dated 26th June last.

9. The Council most thankfully accepts the offer of Government to contribute half the cost of the scheme and feels equally thankful to Her Highness the Maharani Sahiba for the liberal offer now made, supported by the good advice of the Collector and Guardian, and requests that the Government will be pleased to approve the resolution of the Council in borrowing one and a half lakhs of rupees from the Samastanam

authorities under the conditions laid in the Collector and Guardian's letter above quoted, to be supplemented to a similar amount which the Government is pleased to make a grant of, towards the cost of the scheme.

10. In the event of Government sanctioning the loan which the Municipality proposes, the Council shall have to levy a water-rate at 8 per cent. on all buildings and lands within the Municipality other than those belonging to the Samastanam, in order to enable it to meet the cost of maintaining the works. The marginally-noted figures will give detailed information as to how the money thus raised will be spent. The amount which the Government may be pleased to advance will be liquidated with interest at 4 per cent. in 20 years by the Samasthanam on condition that its buildings are exempted from paying water-tax.

	Rs.
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Amount of water-rate available for expenses	7,433
Amount to be met from other sources ..	1,567
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11. In conclusion, the Council most earnestly requests that the Government be pleased to sanction the proposals made for carrying out the scheme, viz.—

(1) to make a grant of half the cost of the water scheme;

(2) to permit the Council to raise a loan from Provincial funds, the liquidation of which is guaranteed by the Samasthanam as shown in the letter No. 271 of 26th June 1899 of the Collector and Guardian;

(3) to sanction the levy of water-tax on buildings and lands within the Municipality and to allow the Council to exempt the tax on Samasthanam buildings;

(4) to advance the sum of Rs. 10,500 required for the excavation of the trench for the infiltration gallery;

(5) to order the acquisition of the land required for the gallery, if necessary.

12. The Municipal Council wishes to take up the work at once and would like to see that the work is actually commenced during the next winter, a favourable season for earthworks. Meanwhile the necessary preliminaries may be adopted.

13. The delay in replying to the above proceedings was due to the fact that Her Highness the Maharani Sahiba was absent from the place, and nothing could be settled until Her Highness' return to Vizianagram. I therefore most earnestly beg that the Government will be pleased to pass early orders on the subject so that the work may be taken up before long.

The plans, estimates and other papers connected with the subject are herewith returned as directed.

ENCLOSURES.

Letter—from H. W. GILLMAN, Esq., I.C.S., Collector and Guardian, Vizianagram.
To—the Chairman, Municipal Council, Vizianagram.
Dated—the th June 1899.
No.—271-/Rev.

In reply to your letter No. 314 of 23rd March 1899, I have the honour to state that subject to the condition that the estate buildings in this Municipality will permanently be exempted from payment of water-taxes, I am prepared to recommend to Government that the estate should pay interest on half the cost of the water-supply scheme to this town, not exceeding one and half lakhs of rupees, for such a term of years as the Government may be pleased to fix for the liquidation of the principal and interest of such loan, by annual payments made by the Samasthanam to the Municipality.

In such arrangement, the Municipality will borrow the amount from Government and the estate will guarantee liquidation of this amount on the terms above named.

2. I may add that Her Highness the Maharani of Vizianagram has been pleased to approve of this arrangement, which is in conformity with the wishes of her late lamented son.

3. You will, of course, understand that the offer now made is subject to the sanction of Government. I shall be glad if you will lay the matter before the Municipal Council and forward me its resolution. If the offer is found acceptable, I shall address Government and obtain its orders in regard to the proposal.

Extract from the Proceedings of the Municipal Council, Vizianagram, dated 12th August 1899.

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Read Proceedings of the Madras Government, dated 16th December 1898, Mis. No. 2170 M.

Read letter from the Collector and Guardian of the Vizianagram Samasthanam, dated the 26th June last, No. 271-A, stating that he is prepared to recommend to Government that the estate should pay interest on half the cost of water-supply scheme to the town, not exceeding one and half lakhs of rupees, for such term of years as the Government may be pleased to fix for the liquidation of the principal and interest, subject to the condition that all the estate buildings in the Municipality will permanently be exempted from payment of water-taxes and requesting the Council to forward its resolution on the subject.

Resolution No. 1.—The Council unanimously resolves to gratefully accept the liberal offer of the Collector and Guardian of the Vizianagram Samasthanam to liquidate the loan of half the cost of the water scheme not exceeding a lakh and a half rupees subject to the conditions specified in his letter. The Council thinks that with this offer as well as the equally liberal offer of the Government to contribute a moiety of the estimated cost and advance the balance from Provincial funds it will be in a position to undertake the scheme and proposes to levy, with the sanction of Government, a water-tax at 8 per cent. on the estimated annual rent value of buildings other than those belonging to the Samasthanam, so as to meet the pumping and other charges to as much an extent as possible. Resolved further that the Council do place on record its deep sense of obligation and gratitude to the Government and Her Highness the Maharani of Vizianagram for their liberal offers.

* * * * *

Endt. on S.C. No. 1176, *dated* 29*th August* 1899.

Forwarded through the Collector, Vizagapatam.

If the offer of the Vizianagram Samasthanam is accepted, there should be no difficulty in financing the scheme.

W. W. PHILLIPS,
Ag. Principal Assistant Collector.

Endt. on C. No. 2511, *dated* 31*st August* 1899.

Forwarded.

W. O. HORNE,
Collector.

Order—No. 1652 M., dated 10th November 1899.

The Government does not consider that the Municipal Council of Vizianagram can undertake the scheme for the water-supply of the town recommended by the Sanitary Board, unless the Vizianagram estate contributes a moiety of the initial cost. The Government does not think it advisable that the Council should accept the contribution promised by the Maharani on the terms stated in the correspondence, and therefore the question of undertaking the work must be postponed until the Maharaja comes of age and is ready to give such assistance as may be needed for financing the scheme.

(True Extract.)

M. HAMMICK,
Ag. Secretary to Government.

To the Chairman, Municipal Council, Vizianagram.
,, Collector of Vizagapatam.
,, Sanitary Board.
,, ,, Commissioner.
,, ,, Engineer.

Government of Madras.

LOCAL AND MUNICIPAL DEPARTMENT.

MISCELLANEOUS.

Read. — *Enclosures*

Regd. — 1899. — *Spare copies*

G.O., No. 1652 M., 10th November 1899.

Water-supply.

Stating that the Government does not consider that the Municipal Council of Vizianagram can undertake the scheme for the — of the town unless the Vizianagram estate contributes a moiety of the cost and that the question of undertaking the work must be postponed until the Maharaja comes of age and is ready to give such assistance as may be needed for financing the scheme.

GOVERNMENT OF MADRAS.

LOCAL AND MUNICIPAL DEPARTMENT.

READ—the following papers :—

I

G.O., No. 2170 M., dated 16th December 1898.

II

Proceedings of the Sanitary Board, No. 79/S., dated 1st March 1899.

Read—the following paper :—

Note by the President, Sanitary Board.

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Vide G.O., No. 2310 W., dated 6th September 1898.

2. I, therefore, recommend that Government be apprised of this in the Local and Municipal Department, so that if the estimate be finally sanctioned in that department the sanction may be accorded subject to further scrutiny of the rates.

A. W. SMART, Col., R.E.,
Ag. President, Sanitary Board.

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The note of the President read above will be submitted to Government with reference to G.O., Mis. No. 2170 M., dated 16th December 1898.

(True Extract.)

R. PARSONS,
Secretary, Sanitary Board.

To the Secretary to Government, Local and Municipal Department,
with a copy of G.O., No. 2310 W., dated 6th September 1898.

III

Letter—from M.R.Ry. V. VENKATRAYA SASTRI Garu, Chairman, Municipal Council, Vizianagram.
To—the Secretary to Government, Local and Municipal Department (through the Revenue Divisional officer).
Dated—the 25th August 1899.
No.—513-C.

With reference to G.O., Mis. No. 2170 M., dated 16th December last, forwarding, for the Council's remarks, the plans and estimates and the Proceedings of the Sanitary Board in connection with the water-supply scheme to the town of Vizianagram, and requesting the Municipal Council to ascertain and report whether the contribution promised by the late Maharaja will now be realised, I have the honour to forward herewith copy of the Proceedings of the Municipal Council held on the 12th instant and the letter of the Collector and Guardian of the Vizianagram Samasthanam, dated 26th June 1899, No. 271, for the information and approval of the Government.

2. With reference to paragraph 1 of the order under reply, I beg to submit that the Council entirely agrees with the views of the Sanitary Board in selecting the Ootagedda scheme in preference to others for reasons stated by the Board in paragraph 3 of its proceedings, dated 23rd September 1898, No. 556/S.

3. The infiltration trench, which is estimated to cost Rs. 10,500, is proposed to be dug in order to test the nature of the yield. The Council considers that this is the vital point of the whole scheme and trusts it will prove that there will be a sufficient supply of water in all seasons of the year, regard being had to the previous experience obtained by a daily record kept of the depth of water flowing over the weir board fixed on the upper anicut of Ootagedda successively for three months in the driest season of 1898 which produced satisfactory results.

4. The average quantity required for the consumption of the towns-people taken at 15 gallons per head is estimated to be 6,00,000 gallons a day on a population of 40,000 souls. The daily average flow of the water thus gauged being (2″ × 24″) over the board, the yield may be estimated at 1,846,000 gallons a day which is above the required quantity.

5. The chemical analysis also shows that the water of the flowing river as well as that of wells dug in its bed is pure and fit for drinking purposes.

6. The annual cost of pumping is, in the opinion of the Council, rather overestimated taking into consideration the local rates of wages paid to persons employed on similar works and the price of fuel in the place. On an information obtained of the actual charges incurred by the Dindigul Municipality (population 20,000) for the maintenance of a pumping station where the cost did not exceed Rs. 1,836 or Rs. 1,900 a year, it cannot be estimated that it would cost here more than double that amount, viz., Rs. 3,800 or Rs. 4,000 in round numbers actually.

7. The question of settling the compensation need not engage the Government till the scheme is found to actually stand the test of the supply into the infiltration gallery proposed to be dug. The ground selected for the trench is not an arable land, but one of gravel and small stones the acquisition of which will not, in my opinion, be difficult if at all an acquisition is necessary.

8. With reference to paragraph 2 of the order, I beg to inform you that the Council considers the project to be the best in every way and the cheapest that it could think of, and hopes that the scheme will prove a success and relieve the public of the distress they have so long felt in the matter of a good supply of pure drinking water. In obedience to the Government Order and in accordance with the wishes of the Council, I negotiated with the Samasthanam authorities who have agreed to fulfil the promise so generously made by the late lamented Maharaja subject to the conditions laid down by the Collector and Guardian in his letter No. 271, dated 26th June last.

9. The Council most thankfully accepts the offer of Government to contribute half the cost of the scheme and feels equally thankful to Her Highness the Maharani Sahiba for the liberal offer now made, supported by the good advice of the Collector and Guardian, and requests that the Government will be pleased to approve the resolution of the Council in borrowing one and a half lakhs of rupees from the Samastanam

authorities under the conditions laid in the Collector and Guardian's letter above quoted, to be supplemented to a similar amount which the Government is pleased to make a grant of, towards the cost of the scheme.

10. In the event of Government sanctioning the loan which the Municipality proposes, the Council shall have to levy a water-rate at 8 per cent. on all buildings and lands within the Municipality other than those belonging to the Samastanam, in order to enable it to meet the cost of maintaining the works. The marginally-noted figures will give detailed information as to how the money thus raised will be spent. The amount which the Government may be pleased to advance will be liquidated with interest at 4 per cent. in 20 years by the Samasthanam on condition that its buildings are exempted from paying water-tax.

	Rs.
Average actual collections under tax on buildings and lands at 7½ per cent.	9,968
Estimated revenue collectable as water-rate at 8 per cent.	10,633
Deduct water-rate on Samasthaman buildings at 8 per cent.	3,200
Amount of water-rate available for expenses ..	7,433
Amount to be met from other sources ..	1,567
Amount required for the maintenance of pumping station annually	9,000

11. In conclusion, the Council most earnestly requests that the Government be pleased to sanction the proposals made for carrying out the scheme, viz.—

(1) to make a grant of half the cost of the water scheme;

(2) to permit the Council to raise a loan from Provincial funds, the liquidation of which is guaranteed by the Samasthanam as shown in the letter No. 271 of 26th June 1899 of the Collector and Guardian;

(3) to sanction the levy of water-tax on buildings and lands within the Municipality and to allow the Council to exempt the tax on Samasthanam buildings;

(4) to advance the sum of Rs. 10,500 required for the excavation of the trench for the infiltration gallery;

(5) to order the acquisition of the land required for the gallery, if necessary.

12. The Municipal Council wishes to take up the work at once and would like to see that the work is actually commenced during the next winter, a favourable season for earthworks. Meanwhile the necessary preliminaries may be adopted.

13. The delay in replying to the above proceedings was due to the fact that Her Highness the Maharani Sahiba was absent from the place, and nothing could be settled until Her Highness' return to Vizianagram. I therefore most earnestly beg that the Government will be pleased to pass early orders on the subject so that the work may be taken up before long.

The plans, estimates and other papers connected with the subject are herewith returned as directed.

ENCLOSURES.

Letter—from H. F. W. GILLMAN, Esq., I.C.S., Collector and Guardian, Vizianagram.
To—the Chairman, Municipal Council, Vizianagram.
Dated—the 26th June 1899.
No.—271-A/Rev.

In reply to your letter No. 314 of 23rd March 1899, I have the honour to state that subject to the condition that all the estate buildings in this Municipality will permanently be exempted from payment of water-taxes, I am prepared to recommend to Government that the estate should pay interest on half the cost of the water-supply scheme to this town, not exceeding one and half lakhs of rupees, for such a term of years as the Government may be pleased to fix for the liquidation of the principal and interest of such loan, by annual payments made by the Samasthanam to the Municipality.

In such an arrangement, the Municipality will borrow the amount from Government and the estate will guarantee liquidation of this amount on the terms above named.

2. I may add that Her Highness the Maharani of Vizianagram has been pleased to approve of this arrangement, which is in conformity with the wishes of her late lamented son.

3. You will, of course, understand that the offer now made is subject to the sanction of Government. I shall be glad if you will lay the matter before the Municipal Council and forward me its resolution. If the offer is found acceptable, I shall address Government and obtain its orders in regard to the proposal.

Extract from the Proceedings of the Municipal Council, Vizianagram, dated 12th August 1899.

* * * * *

Read Proceedings of the Madras Government, dated 16th December 1898, Mis. No. 2170 M.

Read letter from the Collector and Guardian of the Vizianagram Samasthanam, dated the 26th June last, No. 271-A, stating that he is prepared to recommend to Government that the estate should pay interest on half the cost of water-supply scheme to the town, not exceeding one and half lakhs of rupees, for such term of years as the Government may be pleased to fix for the liquidation of the principal and interest, subject to the condition that all the estate buildings in the Municipality will permanently be exempted from payment of water-taxes and requesting the Council to forward its resolution on the subject.

Resolution No. 1.—The Council unanimously resolves to gratefully accept the liberal offer of the Collector and Guardian of the Vizianagram Samasthanam to liquidate the loan of half the cost of the water scheme not exceeding a lakh and a half rupees subject to the conditions specified in his letter. The Council thinks that with this offer as well as the equally liberal offer of the Government to contribute a moiety of the estimated cost and advance the balance from Provincial funds it will be in a position to undertake the scheme and proposes to levy, with the sanction of Government, a water-tax at 8 per cent. on the estimated annual rent value of buildings other than those belonging to the Samasthanam, so as to meet the pumping and other charges to as much an extent as possible. Resolved further that the Council do place on record its deep sense of obligation and gratitude to the Government and Her Highness the Maharani of Vizianagram for their liberal offers.

* * * * *

Endt. on S.C. No. 1176, *dated* 29*th August* 1899.

Forwarded through the Collector, Vizagapatam.

If the offer of the Vizianagram Samasthanam is accepted, there should be no difficulty in financing the scheme.

W. W. PHILLIPS,
Ag. Principal Assistant Collector.

Endt. on C. No. 2511, *dated* 31*st August* 1899.

Forwarded.

W. O. HORNE,
Collector.

Order—No. 1652 M., dated 10th November 1899.

The Government does not consider that the Municipal Council of Vizianagram can undertake the scheme for the water-supply of the town recommended by the Sanitary Board, unless the Vizianagram estate contributes a moiety of the initial cost. The Government does not think it advisable that the Council should accept the contribution promised by the Maharani on the terms stated in the correspondence, and therefore the question of undertaking the work must be postponed until the Maharaja comes of age and is ready to give such assistance as may be needed for financing the scheme.

(True Extract.)

M. HAMMICK,
Ag. Secretary to Government.

To the Chairman, Municipal Council, Vizianagram.
,, Collector of Vizagapatam.
,, Sanitary Board.
,, ,, Commissioner.
,, ,, Engineer.

Government of Madras.

LOCAL AND MUNICIPAL DEPARTMENT.

MISCELLANEOUS.

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1899.

Regd. — *Spare copies*

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* * * * * *

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Forwarded through the Collector, Vizagapatam.

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Ag. Principal Assistant Collector.

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8. With reference to paragraph 2 of the order, I beg to inform you that the Council considers the project to be the best in every way and the cheapest that it could think of, and hopes that the scheme will prove a success and relieve the public of the distress they have so long felt in the matter of a good supply of pure drinking water. In obedience to the Government Order and in accordance with the wishes of the Council, I negotiated with the Samasthanam authorities who have agreed to fulfil the promise so generously made by the late lamented Maharaja subject to the conditions laid down by the Collector and Guardian in his letter No. 271, dated 26th June last.

9. The Council most thankfully accepts the offer of Government to contribute half the cost of the scheme and feels equally thankful to Her Highness the Maharani Sahiba for the liberal offer now made, supported by the good advice of the Collector and Guardian, and requests that the Government will be pleased to approve the resolution of the Council in borrowing one and a half lakhs of rupees from the Samastanam

authorities under the conditions laid in the Collector and Guardian's letter above quoted, to be supplemented to a similar amount which the Government is pleased to make a grant of, towards the cost of the scheme.

10. In the event of Government sanctioning the loan which the Municipality proposes, the Council shall have to levy a water-rate at 8 per cent. on all buildings and lands within the Municipality other than those belonging to the Samastanam, in order to enable it to meet the cost of maintaining the works. The marginally-noted figures will give detailed information as to how the money thus raised will be spent. The amount which the Government may be pleased to advance will be liquidated with interest at 4 per cent. in 20 years by the Samasthanam on condition that its buildings are exempted from paying water-tax.

	Rs.
Average actual collections under tax on buildings and lands at 7½ per cent.	9,968
Estimated revenue collectable as water-rate at 8 per cent.	10,633
Deduct water-rate on Samasthaman buildings at 8 per cent.	3,200
Amount of water-rate available for expenses ..	7,433
Amount to be met from other sources ..	1,567
Amount required for the maintenance of pumping station annually	9,000

11. In conclusion, the Council most earnestly requests that the Government be pleased to sanction the proposals made for carrying out the scheme, viz.—

(1) to make a grant of half the cost of the water scheme;

(2) to permit the Council to raise a loan from Provincial funds, the liquidation of which is guaranteed by the Samasthanam as shown in the letter No. 271 of 26th June 1899 of the Collector and Guardian;

(3) to sanction the levy of water-tax on buildings and lands within the Municipality and to allow the Council to exempt the tax on Samasthanam buildings;

(4) to advance the sum of Rs. 10,500 required for the excavation of the trench for the infiltration gallery;

(5) to order the acquisition of the land required for the gallery, if necessary.

12. The Municipal Council wishes to take up the work at once and would like to see that the work is actually commenced during the next winter, a favourable season for earthworks. Meanwhile the necessary preliminaries may be adopted.

13. The delay in replying to the above proceedings was due to the fact that Her Highness the Maharani Sahiba was absent from the place, and nothing could be settled until Her Highness' return to Vizianagram. I therefore most earnestly beg that the Government will be pleased to pass early orders on the subject so that the work may be taken up before long.

The plans, estimates and other papers connected with the subject are herewith returned as directed.

Enclosures.

Letter—from H. F. W. Gillman, Esq., I.C.S., Collector and Guardian, Vizianagram.
To—the Chairman, Municipal Council, Vizianagram.
Dated—the 26th June 1899.
No.—271-A /Rev.

In reply to your letter No. 314 of 23rd March 1899, I have the honour to state that subject to the condition that all the estate buildings in this Municipality will permanently be exempted from payment of water-taxes, I am prepared to recommend to Government that the estate should pay interest on half the cost of the water-supply scheme to this town, not exceeding one and half lakhs of rupees, for such a term of years as the Government may be pleased to fix for the liquidation of the principal and interest of such loan, by annual payments made by the Samasthanam to the Municipality.

In such an arrangement, the Municipality will borrow the amount from Government and the estate will guarantee liquidation of this amount on the terms above named.

2. I may add that Her Highness the Maharani of Vizianagram has been pleased to approve of this arrangement, which is in conformity with the wishes of her late lamented son.

3. You will, of course, understand that the offer now made is subject to the sanction of Government. I shall be glad if you will lay the matter before the Municipal Council and forward me its resolution. If the offer is found acceptable, I shall address Government and obtain its orders in regard to the proposal.

Extract from the Proceedings of the Municipal Council, Vizianagram, dated 12th August 1899.

* * * * *

Read Proceedings of the Madras Government, dated 16th December 1898, Mis. No. 2170 M.

Read letter from the Collector and Guardian of the Vizianagram Samasthanam, dated the 26th June last, No. 271-A, stating that he is prepared to recommend to Government that the estate should pay interest on half the cost of water-supply scheme to the town, not exceeding one and half lakhs of rupees, for such term of years as the Government may be pleased to fix for the liquidation of the principal and interest, subject to the condition that all the estate buildings in the Municipality will permanently be exempted from payment of water-taxes and requesting the Council to forward its resolution on the subject.

Resolution No. 1.—The Council unanimously resolves to gratefully accept the liberal offer of the Collector and Guardian of the Vizianagram Samasthanam to liquidate the loan of half the cost of the water scheme not exceeding a lakh and a half rupees subject to the conditions specified in his letter. The Council thinks that with this offer as well as the equally liberal offer of the Government to contribute a moiety of the estimated cost and advance the balance from Provincial funds [illegible] be in a position to undertake the scheme and proposes to levy, with the sanction of Government, a water-tax at 8 per cent. on the estimated annual rent value of buildings other than those belonging to the Samasthanam, so as to meet the pumping and other charges to as much an extent as [illegible]. Resolved further that the Council do place on record its deep sense of obligation and gratitude to the Government and Her Highness the Maharani of Vizianagram for their liberal offers.

* * * * *

Endt. on S.C. No. 1176, *dated 29th August* 1899.

Forwarded through the Collector, Vizagapatam.

If the offer of the Vizianagram Samasthanam is accepted, there should be no difficulty in financing the scheme.

W. W. Phillips,
Ag. Principal Assistant Collector.

Endt. on C. No. 2511, *dated 31st August* 1899.

Forwarded.

W. O. Horne,
Collector.

Order—No. 1652 M., dated 10th November 1899.

The Government does not consider that the Municipal Council of Vizianagram can undertake the scheme for the water-supply of the town recommended by the Sanitary Board, unless the Vizianagram estate contributes a moiety of the initial cost. The Government does not think it advisable that the Council should accept the contribution promised by the Maharani on the terms stated in the correspondence, and therefore the question of undertaking the work must be postponed until the Maharaja comes of age and is ready to give such assistance as may be needed for financing the scheme.

(True Extract.)

M. Hammick,
Ag. Secretary to Government.

To the Chairman, Municipal Council, Vizianagram.
,, Collector of Vizagapatam.
,, Sanitary Board.
,, ,, Commissioner.
,, ,, Engineer.

Government of Madras.

LOCAL AND MUNICIPAL DEPARTMENT.

MISCELLANEOUS.

Read. — *Enclosures*

Regd. — 1899. — *Spare copies*

G.O., No. 1652 M., 10th November 1899.

Water-supply.

Stating that the Government does not cons[illegible] Municipal Council of Vizianagram can undertake the scheme for the — of the town u[illegible]ram estate contributes a moiety of the cost and that the question of undertaking the wo[illegible]stponed until the Maharaja comes of age and is ready to give such assistance as may be n[illegible]nancing the scheme.

GOVERNMENT OF MADRAS.

LOCAL AND MUNICIPAL DEPARTMENT.

READ—the following papers :—

I

G.O., No. 2170 M., dated 16th December 1898.

II

Proceedings of the Sanitary Board, No. 79/S., dated 1st March 1899.

Read—the following paper :—

Note by the President, Sanitary Board.

In Proceedings of the Sanitary Board, No. 556/S., dated 23rd September 1898, an estimate amounting to Rs. 2,82,000 for the Vizianagram water-supply project, prepared by the Acting Sanitary Engineer, Mr. Russel, was submitted to Government for orders. The rates in the estimate were, Mr. Russel informs me, based on the Public Works Department schedule of the Vizagapatam division. This schedule has since been found by the Chief Engineer to be "manifestly inaccurate*." The rates are understood to be too low. It is impossible to say how much the rates will have to be increased until the schedule of rates has been revised by the local officers, but the information will be obtained as soon as practicable.

* *Vide* G.O., No. 2310 W., dated 6th September 1898.

2. I, therefore, recommend that Government be apprised of this in the Local and Municipal Department, so that if the estimate be finally sanctioned in that department the sanction may be accorded subject to further scrutiny of the rates.

A. W. SMART, Col., R.E.,
Ag. President, Sanitary Board.

Resolution—No. 79/S., dated 1st March 1899.

The note of the President read above will be submitted to Government with reference to G.O., Mis. No. 2170 M., dated 16th December 1898.

(True Extract.)

R. PARSONS,
Secretary, Sanitary Board.

To the Secretary to Government, Local and Municipal Department,
with a copy of G.O., No. 2310 W., dated 6th September 1898.

III

Letter—from M.R.Ry. V. VENKATRAYA SASTRI Garu, Chairman, Municipal Council, Vizianagram.
To—the Secretary to Government, Local and Municipal Department (through the Revenue Divisional officer).
Dated—the 25th August 1899.
No.—513-C.

With reference to G.O., Mis. No. 2170 M., dated 16th December last, forwarding, for the Council's remarks, the plans and estimates and the Proceedings of the Sanitary Board in connection with the water-supply scheme to the town of Vizianagram, and requesting the Municipal Council to ascertain and report whether the contribution promised by the late Maharaja will now be realised, I have the honour to forward herewith copy of the Proceedings of the Municipal Council held on the 12th instant and the letter of the Collector and Guardian of the Vizianagram Samasthanam, dated 26th June 1899, No. 271, for the information and approval of the Government.

2. With reference to paragraph 1 of the order under reply, I beg to submit that the Council entirely agrees with the views of the Sanitary Board in selecting the Ootagedda scheme in preference to others for reasons stated by the Board in paragraph 3 of its proceedings, dated 23rd September 1898, No. 556/S.

3. The infiltration trench, which is estimated to cost Rs. 10,500, is proposed to be dug in order to test the nature of the yield. The Council considers that this is the vital point of the whole scheme and trusts it will prove that there will be a sufficient supply of water in all seasons of the year, regard being had to the previous experience obtained by a daily record kept of the depth of water flowing over the weir board fixed on the upper anicut of Ootagedda successively for three months in the driest season of 1898 which produced satisfactory results.

4. The average quantity required for the consumption of the towns-people taken at 15 gallons per head is estimated to be 6,00,000 gallons a day on a population of 40,000 souls. The daily average flow of the water thus gauged being (2″ × 24″) over the board, the yield may be estimated at 1,846,000 gallons a day which is above the required quantity.

5. The chemical analysis also shows that the water of the flowing river as well as that of wells dug in its bed is pure and fit for drinking purposes.

6. The annual cost of pumping is, in the opinion of the Council, rather overestimated taking into consideration the local rates of wages paid to persons employed on similar works and the price of fuel in the place. On an information obtained of the actual charges incurred by the Dindigul Municipality (population 20,000) for the maintenance of a pumping station where the cost did not exceed Rs. 1,836 or Rs. 1,900 a year, it cannot be estimated that it would cost here more than double that amount, viz., Rs. 3,800 or Rs. 4,000 in round numbers actually.

7. The question of settling the compensation need not engage the Government till the scheme is found to actually stand the test of the supply into the infiltration gallery proposed to be dug. The ground selected for the trench is not an arable land, but one of gravel and small stones the acquisition of which will not, in my opinion, be difficult if at all an acquisition is necessary.

8. With reference to paragraph 2 of the order, I beg to inform you that the Council considers the project to be the best in every way and the cheapest that it could think of, and hopes that the scheme will prove a success and relieve the public of the distress they have so long felt in the matter of a good supply of pure drinking water. In obedience to the Government Order and in accordance with the wishes of the Council, I negotiated with the Samasthanam authorities who have agreed to fulfil the promise so generously made by the late lamented Maharaja subject to the conditions laid down by the Collector and Guardian in his letter No. 271, dated 26th June last.

9. The Council most thankfully accepts the offer of Government to contribute half the cost of the scheme and feels equally thankful to Her Highness the Maharani Sahiba for the liberal offer now made, supported by the good advice of the Collector and Guardian, and requests that the Government will be pleased to approve the resolution of the Council in borrowing one and a half lakhs of rupees from the Samastanam

authorities under the conditions laid in the Collector and Guardian's letter above quoted, to be supplemented to a similar amount which the Government is pleased to make a grant of, towards the cost of the scheme.

10. In the event of Government sanctioning the loan which the Municipality proposes, the Council shall have to levy a water-rate at 8 per cent. on all buildings and lands within the Municipality other than those belonging to the Samastanam, in order to enable it to meet the cost of maintaining the works. The marginally-noted figures will give detailed information as to how the money thus raised will be spent. The amount which the Government may be pleased to advance will be liquidated with interest at 4 per cent. in 20 years by the Samasthanam on condition that its buildings are exempted from paying water-tax.

	Rs.
Average actual collections under tax on buildings and lands at 7½ per cent.	9,968
Estimated revenue collectable as water-rate at 8 per cent.	10,633
Deduct water-rate on Samasthaman buildings at 8 per cent.	3,200
Amount of water-rate available for expenses ..	7,433
Amount to be met from other sources ..	1,567
Amount required for the maintenance of pumping station annually	9,000

11. In conclusion, the Council most earnestly requests that the Government be pleased to sanction the proposals made for carrying out the scheme, viz.—

(1) to make a grant of half the cost of the water scheme;

(2) to permit the Council to raise a loan from Provincial funds, the liquidation of which is guaranteed by the Samasthanam as shown in the letter No. 271 of 26th June 1899 of the Collector and Guardian;

(3) to sanction the levy of water-tax on buildings and lands within the Municipality and to allow the Council to exempt the tax on Samasthanam buildings;

(4) to advance the sum of Rs. 10,500 required for the excavation of the trench for the infiltration gallery;

(5) to order the acquisition of the land required for the gallery, if necessary.

12. The Municipal Council wishes to take up the work at once and would like to see that the work is actually commenced during the next winter, a favourable season for earthworks. Meanwhile the necessary preliminaries may be adopted.

13. The delay in replying to the above proceedings was due to the fact that Her Highness the Maharani Sahiba was absent from the place, and nothing could be settled until Her Highness' return to Vizianagram. I therefore most earnestly beg that the Government will be pleased to pass early orders on the subject so that the work may be taken up before long.

The plans, estimates and other papers connected with the subject are herewith returned as directed.

Enclosures.

Letter—from H. F. W. Gillman, Esq., I.C.S., Collector and Guardian, Vizianagram.
To—the Chairman, Municipal Council, Vizianagram.
Dated—the 26th June 1899.
No.—271-A/Rev.

In reply to your letter No. 314 of 23rd March 1899, I have the honour to state that subject to the condition that all the estate buildings in this Municipality will permanently be exempted from payment of water-taxes, I am prepared to recommend to Government that the estate should pay interest on half the cost of the water-supply scheme to this town, not exceeding one and half lakhs of rupees, for such a term of years as the Government may be pleased to fix for the liquidation of the principal and interest of such loan, by annual payments made by the Samasthanam to the Municipality.

In such an arrangement, the Municipality will borrow the amount from Government and the estate will guarantee liquidation of this amount on the terms above named.

2. I may add that Her Highness the Maharani of Vizianagram has been pleased to approve of this arrangement, which is in conformity with the wishes of her late lamented son.

3. You will, of course, understand that the offer now made is subject to the sanction of Government. I shall be glad if you will lay the matter before the Municipal Council and forward me its resolution. If the offer is found acceptable, I shall address Government and obtain its orders in regard to the proposal.

Extract from the Proceedings of the Municipal Council, Vizianagram, dated 12th August 1899.

* * * * *

Read Proceedings of the Madras Government, dated 16th December 1898, Mis. No. 2170 M.

Read letter from the Collector and Guardian of the Vizianagram Samasthanam, dated the 26th June last, No. 271-A, stating that he is prepared to recommend to Government that the estate should pay interest on half the cost of water-supply scheme to the town, not exceeding one and half lakhs of rupees, for such term of years as the Government may be pleased to fix for the liquidation of the principal and interest, subject to the condition that all the estate buildings in the Municipality will permanently be exempted from payment of water-taxes and requesting the Council to forward its resolution on the subject.

Resolution No. 1.—The Council unanimously resolves to gratefully accept the liberal offer of the Collector and Guardian of the Vizianagram Samasthanam to liquidate the loan of half the cost of the water scheme not exceeding a lakh and a half rupees subject to the conditions specified in his letter. The Council thinks that with this offer as well as the equally liberal offer of the Government to contribute a moiety of the estimated cost and advance the balance from Provincial funds it will be in a position to undertake the scheme and proposes to levy, with the sanction of Government, a water-tax at 8 per cent. on the estimated annual rent value of buildings other than those belonging to the Samasthanam, so as to meet the pumping and other charges to as much an extent as possible. Resolved further that the Council do place on record its deep sense of obligation and gratitude to the Government and Her Highness the Maharani of Vizianagram for their liberal offers.

* * * * *

Endt. on S.C. No. 1176, *dated* 29*th August* 1899.

Forwarded through the Collector, Vizagapatam.

If the offer of the Vizianagram Samasthanam is accepted, there should be no difficulty in financing the scheme.

W. W. Phillips,
Ag. Principal Assistant Collector.

Endt. on C. No. 2511, *dated* 31*st August* 1899.

Forwarded.

W. O. Horne,
Collector.

Order—No. 1652 M., dated 10th November 1899.

The Government does not consider that the Municipal Council of Vizianagram can undertake the scheme for the water-supply of the town recommended by the Sanitary Board, unless the Vizianagram estate contributes a moiety of the initial cost. The Government does not think it advisable that the Council should accept the contribution promised by the Maharani on the terms stated in the correspondence, and therefore the question of undertaking the work must be postponed until the Maharaja comes of age and is ready to give such assistance as may be needed for financing the scheme.

(True Extract.)

M. Hammick,
Ag. Secretary to Government.

To the Chairman, Municipal Council, Vizianagram.
,, Collector of Vizagapatam.
,, Sanitary Board.
,, ,, Commissioner.
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Government of Madras.

LOCAL AND MUNICIPAL DEPARTMENT.

MISCELLANEOUS.

Read. — *Enclosures*

1899.

Regd. — *Spare copies*

G.O., No. 1652 M., 10th November 1899.

Water-supply.

Stating that the Government does not consider that the Municipal Council of Vizianagram can undertake the scheme for the — of the town unless the Vizianagram estate contributes a moiety of the cost and that the question of undertaking the work must be postponed until the Maharaja comes of age and is ready to give such assistance as may be needed for financing the scheme.

GOVERNMENT OF MADRAS.

LOCAL AND MUNICIPAL DEPARTMENT.

Read—the following papers :—

I

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II

Proceedings of the Sanitary Board, No. 79/S., dated 1st March 1899.

Read—the following paper :—

Note by the President, Sanitary Board.

In Proceedings of the Sanitary Board, No. 556/S., dated 23rd September 1898, an estimate amounting to Rs. 2,82,000 for the Vizianagram water-supply project, prepared by the Acting Sanitary Engineer, Mr. Russel, was submitted to Government for orders. The rates in the estimate were, Mr. Russel informs me, based on the Public Works Department schedule of the Vizagapatam division. This schedule has since been found by the Chief Engineer to be "manifestly inaccurate*." The rates are understood to be too low. It is impossible to say how much the rates will have to be increased until the schedule of rates has been revised by the local officers, but the information will be obtained as soon as practicable.

* *Vide* G.O., No. 2310 W., dated 6th September 1898.

2. I, therefore, recommend that Government be apprised of this in the Local and Municipal Department, so that if the estimate be finally sanctioned in that department the sanction may be accorded subject to further scrutiny of the rates.

A. W. Smart, Col., R.E.,
Ag. President, Sanitary Board.

Resolution—No. 79/S., *dated* 1*st March* 1899.

The note of the President read above will be submitted to Government with reference to G.O., Mis. No. 2170 M., dated 16th December 1898.

(True Extract.)

R. Parsons,
Secretary, Sanitary Board.

To the Secretary to Government, Local and Municipal Department,
with a copy of G.O., No. 2310 W., dated 6th September 1898.

III

Letter—from M.R.Ry. V. Venkatraya Sastri Garu, Chairman, Municipal Council, Vizianagram.
To—the Secretary to Government, Local and Municipal Department (through the Revenue Divisional officer).
Dated—the 25th August 1899.
No.—513-C.

With reference to G.O., Mis. No. 2170 M., dated 16th December last, forwarding, for the Council's remarks, the plans and estimates and the Proceedings of the Sanitary Board in connection with the water-supply scheme to the town of Vizianagram, and requesting the Municipal Council to ascertain and report whether the contribution promised by the late Maharaja will now be realised, I have the honour to forward herewith copy of the Proceedings of the Municipal Council held on the 12th instant and the letter of the Collector and Guardian of the Vizianagram Samasthanam, dated 26th June 1899, No. 271, for the information and approval of the Government.

2. With reference to paragraph 1 of the order under reply, I beg to submit that the Council entirely agrees with the views of the Sanitary Board in selecting the Ootagedda scheme in preference to others for reasons stated by the Board in paragraph 3 of its proceedings, dated 23rd September 1898, No. 556/S.

3. The infiltration trench, which is estimated to cost Rs. 10,500, is proposed to be dug in order to test the nature of the yield. The Council considers that this is the vital point of the whole scheme and trusts it will prove that there will be a sufficient supply of water in all seasons of the year, regard being had to the previous experience obtained by a daily record kept of the depth of water flowing over the weir board fixed on the upper anicut of Ootagedda successively for three months in the driest season of 1898 which produced satisfactory results.

4. The average quantity required for the consumption of the towns-people taken at 15 gallons per head is estimated to be 6,00,000 gallons a day on a population of 40,000 souls. The daily average flow of the water thus gauged being (2″ × 24″) over the board, the yield may be estimated at 1,846,000 gallons a day which is above the required quantity.

5. The chemical analysis also shows that the water of the flowing river as well as that of wells dug in its bed is pure and fit for drinking purposes.

6. The annual cost of pumping is, in the opinion of the Council, rather over-estimated taking into consideration the local rates of wages paid to persons employed on similar works and the price of fuel in the place. On an information obtained of the actual charges incurred by the Dindigul Municipality (population 20,000) for the maintenance of a pumping station where the cost did not exceed Rs. 1,836 or Rs. 1,900 a year, it cannot be estimated that it would cost here more than double that amount, viz., Rs. 3,800 or Rs. 4,000 in round numbers actually.

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8. With reference to paragraph 2 of the order, I beg to inform you that the Council considers the project to be the best in every way and the cheapest that it could think of, and hopes that the scheme will prove a success and relieve the public of the distress they have so long felt in the matter of a good supply of pure drinking water. In obedience to the Government Order and in accordance with the wishes of the Council, I negotiated with the Samasthanam authorities who have agreed to fulfil the promise so generously made by the late lamented Maharaja subject to the conditions laid down by the Collector and Guardian in his letter No. 271, dated 26th June last.

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Government of Madras.

LOCAL AND MUNICIPAL DEPARTMENT.

MISCELLANEOUS.

Read. — *Enclosures*

1899.

Reyd. — *Spare copies*

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2. I, therefore, recommend that Government be apprised of this in the Local and Municipal Department, so that if the estimate be finally sanctioned in that department the sanction may be accorded subject to further scrutiny of the rates.

A. W. SMART, Col., R.E.,
Ag. President, Sanitary Board.

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(True Extract.)

R. PARSONS,
Secretary, Sanitary Board.

To the Secretary to Government, Local and Municipal Department,
with a copy of G.O., No. 2310 W., dated 6th September 1898.

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Letter—from M.R.Ry. V. VENKATRAYA SASTRI Garu, Chairman, Municipal Council, Vizianagram.
To—the Secretary to Government, Local and Municipal Department (through the Revenue Divisional officer).
Dated—the 25th August 1899.
No.—513-C.

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5. The chemical analysis also shows that the water of the flowing river as well as that of wells dug in its bed is pure and fit for drinking purposes.

6. The annual cost of pumping is, in the opinion of the Council, rather overestimated taking into consideration the local rates of wages paid to persons employed on similar works and the price of fuel in the place. On an information obtained of the actual charges incurred by the Dindigul Municipality (population 20,000) for the maintenance of a pumping station where the cost did not exceed Rs. 1,836 or Rs. 1,900 a year, it cannot be estimated that it would cost here more than double that amount, viz., Rs. 3,800 or Rs. 4,000 in round numbers actually.

7. The question of settling the compensation need not engage the Government till the scheme is found to actually stand the test of the supply into the infiltration gallery proposed to be dug. The ground selected for the trench is not an arable land, but one of gravel and small stones the acquisition of which will not, in my opinion, be difficult if at all an acquisition is necessary.

8. With reference to paragraph 2 of the order, I beg to inform you that the Council considers the project to be the best in every way and the cheapest that it could think of, and hopes that the scheme will prove a success and relieve the public of the distress they have so long felt in the matter of a good supply of pure drinking water. In obedience to the Government Order and in accordance with the wishes of the Council, I negotiated with the Samasthanam authorities who have agreed to fulfil the promise so generously made by the late lamented Maharaja subject to the conditions laid down by the Collector and Guardian in his letter No. 271, dated 26th June last.

9. The Council most thankfully accepts the offer of Government to contribute half the cost of the scheme and feels equally thankful to Her Highness the Maharani Sahiba for the liberal offer now made, supported by the good advice of the Collector and Guardian, and requests that the Government will be pleased to approve the resolution of the Council in borrowing one and a half lakhs of rupees from the Samastanam

authorities under the conditions laid in the Collector and Guardian's letter above quoted, to be supplemented to a similar amount which the Government is pleased to make a grant of, towards the cost of the scheme.

10. In the event of Government sanctioning the loan which the Municipality proposes, the Council shall have to levy a water-rate at 8 per cent. on all buildings and lands within the Municipality other than those belonging to the Samastanam, in order to enable it to meet the cost of maintaining the works. The marginally-noted figures will give detailed information as to how the money thus raised will be spent. The amount which the Government may be pleased to advance will be liquidated with interest at 4 per cent. in 20 years by the Samasthanam on condition that its buildings are exempted from paying water-tax.

	Rs.
Average actual collections under tax on buildings and lands at 7½ per cent.	9,968
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11. In conclusion, the Council most earnestly requests that the Government be pleased to sanction the proposals made for carrying out the scheme, viz.—

(1) to make a grant of half the cost of the water scheme;

(2) to permit the Council to raise a loan from Provincial funds, the liquidation of which is guaranteed by the Samasthanam as shown in the letter No. 271 of 26th June 1899 of the Collector and Guardian;

(3) to sanction the levy of water-tax on buildings and lands within the Municipality and to allow the Council to exempt the tax on Samasthanam buildings;

(4) to advance the sum of Rs. 10,500 required for the excavation of the trench for the infiltration gallery;

(5) to order the acquisition of the land required for the gallery, if necessary.

12. The Municipal Council wishes to take up the work at once and would like to see that the work is actually commenced during the next winter, a favourable season for earthworks. Meanwhile the necessary preliminaries may be adopted.

13. The delay in replying to the above proceedings was due to the fact that Her Highness the Maharani Sahiba was absent from the place, and nothing could be settled until Her Highness' return to Vizianagram. I therefore most earnestly beg that the Government will be pleased to pass early orders on the subject so that the work may be taken up before long.

The plans, estimates and other papers connected with the subject are herewith returned as directed.

Enclosures.

Letter—from H. F. W. Gillman, Esq., I.C.S., Collector and Guardian, Vizianagram.
To—the Chairman, Municipal Council, Vizianagram.
Dated—the 26th June 1899.
No.—271-A/Rev.

In reply to your letter No. 314 of 23rd March 1899, I have the honour to state that subject to the condition that all the estate buildings in this Municipality will permanently be exempted from payment of water-taxes, I am prepared to recommend to Government that the estate should pay interest on half the cost of the water-supply scheme to this town, not exceeding one and half lakhs of rupees, for such a term of years as the Government may be pleased to fix for the liquidation of the principal and interest of such loan, by annual payments made by the Samasthanam to the Municipality.

In such an arrangement, the Municipality will borrow the amount from Government and the estate will guarantee liquidation of this amount on the terms above named.

2. I may add that Her Highness the Maharani of Vizianagram has been pleased to approve of this arrangement, which is in conformity with the wishes of her late lamented son.

3. You will, of course, understand that the offer now made is subject to the sanction of Government. I shall be glad if you will lay the matter before the Municipal Council and forward me its resolution. If the offer is found acceptable, I shall address Government and obtain its orders in regard to the proposal.

Extract from the Proceedings of the Municipal Council, Vizianagram, dated 12th August 1899.

* * * * * *

Read Proceedings of the Madras Government, dated 16th December 1898, Mis. No. 2170 M.

Read letter from the Collector and Guardian of the Vizianagram Samasthanam, dated the 26th June last, No. 271-A, stating that he is prepared to recommend to Government that the estate should pay interest on half the cost of water-supply scheme to the town, not exceeding one and half lakhs of rupees, for such term of years as the Government may be pleased to fix for the liquidation of the principal and interest, subject to the condition that all the estate buildings in the Municipality will permanently be exempted from payment of water-taxes and requesting the Council to forward its resolution on the subject.

Resolution No. 1.—The Council unanimously resolves to gratefully accept the liberal offer of the Collector and Guardian of the Vizianagram Samasthanam to liquidate the loan of half the cost of the water scheme not exceeding a lakh and a half rupees subject to the conditions specified in his letter. The Council thinks that with this offer as well as the equally liberal offer of the Government to contribute a moiety of the estimated cost and advance the balance from Provincial funds it will be in a position to undertake the scheme and proposes to levy, with the sanction of Government, a water-tax at 8 per cent. on the estimated annual rent value of buildings other than those belonging to the Samasthanam, so as to meet the pumping and other charges to as much an extent as possible. Resolved further that the Council do place on record its deep sense of obligation and gratitude to the Government and Her Highness the Maharani of Vizianagram for their liberal offers.

* * * * * *

Endt. on S.C. No. 1176, *dated* 29*th August* 1899.

Forwarded through the Collector, Vizagapatam.

If the offer of the Vizianagram Samasthanam is accepted, there should be no difficulty in financing the scheme.

W. W. Phillips,
Ag. Principal Assistant Collector.

Endt. on C. No. 2511, *dated* 31*st August* 1899.

Forwarded.

W. O. Horne,
Collector.

Order—No. 1652 M., dated 10th November 1899.

The Government does not consider that the Municipal Council of Vizianagram can undertake the scheme for the water-supply of the town recommended by the Sanitary Board, unless the Vizianagram estate contributes a moiety of the initial cost. The Government does not think it advisable that the Council should accept the contribution promised by the Maharani on the terms stated in the correspondence, and therefore the question of undertaking the work must be postponed until the Maharaja comes of age and is ready to give such assistance as may be needed for financing the scheme.

(True Extract.)

M. Hammick,
Ag. Secretary to Government.

To the Chairman, Municipal Council, Vizianagram.
" Collector of Vizagapatam.
" Sanitary Board.
" " Commissioner.
" " Engineer.

Government of Madras.

LOCAL AND MUNICIPAL DEPARTMENT.

MISCELLANEOUS.

Read. *Regd.* } 1899. *Enclosures* *Spare copies*

G.O., No. 1652 M., 10th November 1899.

Water-supply.

Stating that the Government does not consider that the Municipal Council of Vizianagram can undertake the scheme for the — of the town unless the Vizianagram estate contributes a moiety of the cost and that the question of undertaking the work must be postponed until the Maharaja comes of age and is ready to give such assistance as may be needed for financing the scheme.

GOVERNMENT OF MADRAS.

LOCAL AND MUNICIPAL DEPARTMENT.

READ—the following papers :—

I

G.O., No. 2170 M., dated 16th December 1898.

II

Proceedings of the Sanitary Board, No. 79/S., dated 1st March 1899.

Read—the following paper :—

Note by the President, Sanitary Board.

In Proceedings of the Sanitary Board, No. 556/S., dated 23rd September 1898, an estimate amounting to Rs. 2,82,000 for the Vizianagram water-supply project, prepared by the Acting Sanitary Engineer, Mr. Russel, was submitted to Government for orders. The rates in the estimate were, Mr. Russel informs me, based on the Public Works Department schedule of the Vizagapatam division. This schedule has since been found by the Chief Engineer to be "manifestly inaccurate*." The rates are understood to be too low. It is impossible to say how much the rates will have to be increased until the schedule of rates has been revised by the local officers, but the information will be obtained as soon as practicable.

* *Vide* G.O., No. 2310 W., dated 6th September 1898.

2. I, therefore, recommend that Government be apprised of this in the Local and Municipal Department, so that if the estimate be finally sanctioned in that department the sanction may be accorded subject to further scrutiny of the rates.

A. W. SMART, Col., R.E.,
Ag. President, Sanitary Board.

Resolution—No. 79/*S., dated* 1*st March* 1899.

The note of the President read above will be submitted to Government with reference to G.O., Mis. No. 2170 M., dated 16th December 1898.

(True Extract.)

R. PARSONS,
Secretary, Sanitary Board.

To the Secretary to Government, Local and Municipal Department,
with a copy of G.O., No. 2310 W., dated 6th September 1898.

III

Letter—from M.R.Ry. V. VENKATRAYA SASTRI Garu, Chairman, Municipal Council, Vizianagram.
To—the Secretary to Government, Local and Municipal Department (through the Revenue Divisional officer).
Dated—the 25th August 1899.
No.—513-C.

With reference to G.O., Mis. No. 2170 M., dated 16th December last, forwarding, for the Council's remarks, the plans and estimates and the Proceedings of the Sanitary Board in connection with the water-supply scheme to the town of Vizianagram, and requesting the Municipal Council to ascertain and report whether the contribution promised by the late Maharaja will now be realised, I have the honour to forward herewith copy of the Proceedings of the Municipal Council held on the 12th instant and the letter of the Collector and Guardian of the Vizianagram Samasthanam, dated 26th June 1899, No. 271, for the information and approval of the Government.

2. With reference to paragraph 1 of the order under reply, I beg to submit that the Council entirely agrees with the views of the Sanitary Board in selecting the Ootagedda scheme in preference to others for reasons stated by the Board in paragraph 3 of its proceedings, dated 23rd September 1898, No. 556/S.

3. The infiltration trench, which is estimated to cost Rs. 10,500, is proposed to be dug in order to test the nature of the yield. The Council considers that this is the vital point of the whole scheme and trusts it will prove that there will be a sufficient supply of water in all seasons of the year, regard being had to the previous experience obtained by a daily record kept of the depth of water flowing over the weir board fixed on the upper anicut of Ootagedda successively for three months in the driest season of 1898 which produced satisfactory results.

4. The average quantity required for the consumption of the towns-people taken at 15 gallons per head is estimated to be 6,00,000 gallons a day on a population of 40,000 souls. The daily average flow of the water thus gauged being (2″ × 24″) over the board, the yield may be estimated at 1,846,000 gallons a day which is above the required quantity.

5. The chemical analysis also shows that the water of the flowing river as well as that of wells dug in its bed is pure and fit for drinking purposes.

6. The annual cost of pumping is, in the opinion of the Council, rather overestimated taking into consideration the local rates of wages paid to persons employed on similar works and the price of fuel in the place. On an information obtained of the actual charges incurred by the Dindigul Municipality (population 20,000) for the maintenance of a pumping station where the cost did not exceed Rs. 1,836 or Rs. 1,900 a year, it cannot be estimated that it would cost here more than double that amount, viz., Rs. 3,800 or Rs. 4,000 in round numbers actually.

7. The question of settling the compensation need not engage the Government till the scheme is found to actually stand the test of the supply into the infiltration gallery proposed to be dug. The ground selected for the trench is not an arable land, but one of gravel and small stones the acquisition of which will not, in my opinion, be difficult if at all an acquisition is necessary.

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9. The Council most thankfully accepts the offer of Government to contribute half the cost of the scheme and feels equally thankful to Her Highness the Maharani Sahiba for the liberal offer now made, supported by the good advice of the Collector and Guardian, and requests that the Government will be pleased to approve the resolution of the Council in borrowing one and a half lakhs of rupees from the Samastanam

authorities under the conditions laid in the Collector and Guardian's letter above quoted, to be supplemented to a similar amount which the Government is pleased to make a grant of, towards the cost of the scheme.

10. In the event of Government sanctioning the loan which the Municipality proposes, the Council shall have to levy a water-rate at 8 per cent. on all buildings and lands within the Municipality other than those belonging to the Samastanam, in order to enable it to meet the cost of maintaining the works. The marginally-noted figures will give detailed information as to how the money thus raised will be spent. The amount which the Government may be pleased to advance will be liquidated with interest at 4 per cent. in 20 years by the Samasthanam on condition that its buildings are exempted from paying water-tax.

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11. In conclusion, the Council most earnestly requests that the Government be pleased to sanction the proposals made for carrying out the scheme, viz.—

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12. The Municipal Council wishes to take up the work at once and would like to see that the work is actually commenced during the next winter, a favourable season for earthworks. Meanwhile the necessary preliminaries may be adopted.

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ENCLOSURES.

Letter—from H. F. W. GILLMAN, Esq., I.C.S., Collector and Guardian, Vizianagram.
To—the Chairman, Municipal Council, Vizianagram.
Dated—the 26th June 1899.
No.—271-A/Rev.

In reply to your letter No. 314 of 23rd March 1899, I have the honour to state that subject to the condition that all the estate buildings in this Municipality will permanently be exempted from payment of water-taxes, I am prepared to recommend to Government that the estate should pay interest on half the cost of the water-supply scheme to this town, not exceeding one and half lakhs of rupees, for such a term of years as the Government may be pleased to fix for the liquidation of the principal and interest of such loan, by annual payments made by the Samasthanam to the Municipality.

In such an arrangement, the Municipality will borrow the amount from Government and the estate will guarantee liquidation of this amount on the terms above named.

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3. You will, of course, understand that the offer now made is subject to the sanction of Government. I shall be glad if you will lay the matter before the Municipal Council and forward me its resolution. If the offer is found acceptable, I shall address Government and obtain its orders in regard to the proposal.

Extract from the Proceedings of the Municipal Council, Vizianagram, dated 12th August 1899.

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Resolution No. 1.—The Council unanimously resolves to gratefully accept the liberal offer of the Collector and Guardian of the Vizianagram Samasthanam to liquidate the loan of half the cost of the water scheme not exceeding a lakh and a half rupees subject to the conditions specified in his letter. The Council thinks that with this offer as well as the equally liberal offer of the Government to contribute a moiety of the estimated cost and advance the balance from Provincial funds it will be in a position to undertake the scheme and proposes to levy, with the sanction of Government, a water-tax at 8 per cent. on the estimated annual rent value of buildings other than those belonging to the Samasthanam, so as to meet the pumping and other charges to as much an extent as possible. Resolved further that the Council do place on record its deep sense of obligation and gratitude to the Government and Her Highness the Maharani of Vizianagram for their liberal offers.

* * * * * *

Endt. on S.C. No. 1176, *dated* 29*th August* 1899.

Forwarded through the Collector, Vizagapatam.

If the offer of the Vizianagram Samasthanam is accepted, there should be no difficulty in financing the scheme.

W. W. PHILLIPS,
Ag. Principal Assistant Collector.

Endt. on C. No. 2511, *dated* 31*st August* 1899.

Forwarded.

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Collector.

Order—No. 1652 M., dated 10th November 1899.

The Government does not consider that the Municipal Council of Vizianagram can undertake the scheme for the water-supply of the town recommended by the Sanitary Board, unless the Vizianagram estate contributes a moiety of the initial cost. The Government does not think it advisable that the Council should accept the contribution promised by the Maharani on the terms stated in the correspondence, and therefore the question of undertaking the work must be postponed until the Maharaja comes of age and is ready to give such assistance as may be needed for financing the scheme.

(True Extract.)

M. HAMMICK,
Ag. Secretary to Government.

To the Chairman, Municipal Council, Vizianagram.
" Collector of Vizagapatam.
" Sanitary Board.
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Government of Madras.

LOCAL AND MUNICIPAL DEPARTMENT.

MISCELLANEOUS.

Read. — *Enclosures*

1899.

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To the Secretary to Government, Local and Municipal Department,
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Dated—the 25th August 1899.
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* * * * * *

Read Proceedings of the Madras Government, dated 16th December 1898, Mis. No. 2170 M.

Read letter from the Collector and Guardian of the Vizianagram Samasthanam, dated the 26th June last, No. 271-A, stating that he is prepared to recommend to Government that the estate should pay interest on half the cost of water-supply scheme to the town, not exceeding one and half lakhs of rupees, for such term of years as the Government may be pleased to fix for the liquidation of the principal and interest, subject to the condition that all the estate buildings in the Municipality will permanently be exempted from payment of water-taxes and requesting the Council to forward its resolution on the subject.

Resolution No. 1.—The Council unanimously resolves to gratefully accept the liberal offer of the Collector and Guardian of the Vizianagram Samasthanam to liquidate the loan of half the cost of the water scheme not exceeding a lakh and a half rupees subject to the conditions specified in his letter. The Council thinks that with this offer as well as the equally liberal offer of the Government to contribute a moiety of the estimated cost and advance the balance from Provincial funds it will be in a position to undertake the scheme and proposes to levy, with the sanction of Government, a water-tax at 8 per cent. on the estimated annual rent value of buildings other than those belonging to the Samasthanam, so as to meet the pumping and other charges to as much an extent as possible. Resolved further that the Council do place on record its deep sense of obligation and gratitude to the Government and Her Highness the Maharani of Vizianagram for their liberal offers.

* * * * * *

Endt. on S.C. No. 1176, *dated 29th August* 1899.

Forwarded through the Collector, Vizagapatam.

If the offer of the Vizianagram Samasthanam is accepted, there should be no difficulty in financing the scheme.

W. W. PHILLIPS,
Ag. Principal Assistant Collector.

Endt. on C. No. 2511, *dated 31st August* 1899.

Forwarded.

W. O. HORNE,
Collector.

Order—No. 1652 M., dated 10th November 1899.

The Government does not consider that the Municipal Council of Vizianagram can undertake the scheme for the water-supply of the town recommended by the Sanitary Board, unless the Vizianagram estate contributes a moiety of the initial cost. The Government does not think it advisable that the Council should accept the contribution promised by the Maharani on the terms stated in the correspondence, and therefore the question of undertaking the work must be postponed until the Maharaja comes of age and is ready to give such assistance as may be needed for financing the scheme.

(True Extract.)

M. HAMMICK,
Ag. Secretary to Government.

To the Chairman, Municipal Council, Vizianagram.
" Collector of Vizagapatam.
" Sanitary Board.
" " Commissioner.
" " Engineer.

Government of Madras.

LOCAL AND MUNICIPAL DEPARTMENT.

MISCELLANEOUS.

Read. / *Regd.* } 1899. *Enclosures* / *Spare copies*

G.O., No. 1652 M., 10th November 1899.

N. P.

Water-supply.

Stating that the Government does not consider that the Municipal Council of Vizianagram can undertake the scheme for the — of the town unless the Vizianagram estate contributes a moiety of the cost and that the question of undertaking the work must be postponed until the Maharaja comes of age and is ready to give such assistance as may be needed for financing the scheme.

GOVERNMENT OF MADRAS.

LOCAL AND MUNICIPAL DEPARTMENT.

READ—the following papers :—

I

G.O., No. 2170 M., dated 16th December 1898.

II

Proceedings of the Sanitary Board, No. 79/S., dated 1st March 1899.

Read—the following paper :—

Note by the President, Sanitary Board.

In Proceedings of the Sanitary Board, No. 556/S., dated 23rd September 1898, an estimate amounting to Rs. 2,82,000 for the Vizianagram water-supply project, prepared by the Acting Sanitary Engineer, Mr. Russel, was submitted to Government for orders. The rates in the estimate were, Mr. Russel informs me, based on the Public Works Department schedule of the Vizagapatam division. This schedule has since been found by the Chief Engineer to be "manifestly inaccurate*." The rates are understood to be too low. It is impossible to say how much the rates will have to be increased until the schedule of rates has been revised by the local officers, but the information will be obtained as soon as practicable.

Vide G.O., No. 2310 W., dated 6th September 1898.

2. I, therefore, recommend that Government be apprised of this in the Local and Municipal Department, so that if the estimate be finally sanctioned in that department the sanction may be accorded subject to further scrutiny of the rates.

A. W. SMART, Col., R.E.,
Ag. President, Sanitary Board.

Resolution—No. 79/S., dated 1st March 1899.

The note of the President read above will be submitted to Government with reference to G.O., Mis. No. 2170 M., dated 16th December 1898.

(True Extract.)

R. PARSONS,
Secretary, Sanitary Board.

To the Secretary to Government, Local and Municipal Department,
with a copy of G.O., No. 2310 W., dated 6th September 1898.

III

Letter—from M.R.Ry. V. VENKATRAYA SASTRI Garu, Chairman, Municipal Council, Vizianagram.
To—the Secretary to Government, Local and Municipal Department (through the Revenue Divisional officer).
Dated—the 25th August 1899.
No.—513-C.

With reference to G.O., Mis. No. 2170 M., dated 16th December last, forwarding, for the Council's remarks, the plans and estimates and the Proceedings of the Sanitary Board in connection with the water-supply scheme to the town of Vizianagram, and requesting the Municipal Council to ascertain and report whether the contribution promised by the late Maharaja will now be realised, I have the honour to forward herewith copy of the Proceedings of the Municipal Council held on the 12th instant and the letter of the Collector and Guardian of the Vizianagram Samasthanam, dated 26th June 1899, No. 271, for the information and approval of the Government.

2. With reference to paragraph 1 of the order under reply, I beg to submit that the Council entirely agrees with the views of the Sanitary Board in selecting the Ootagedda scheme in preference to others for reasons stated by the Board in paragraph 3 of its proceedings, dated 23rd September 1898, No. 556/S.

3. The infiltration trench, which is estimated to cost Rs. 10,500, is proposed to be dug in order to test the nature of the yield. The Council considers that this is the vital point of the whole scheme and trusts it will prove that there will be a sufficient supply of water in all seasons of the year, regard being had to the previous experience obtained by a daily record kept of the depth of water flowing over the weir board fixed on the upper anicut of Ootagedda successively for three months in the driest season of 1898 which produced satisfactory results.

4. The average quantity required for the consumption of the towns-people taken at 15 gallons per head is estimated to be 6,00,000 gallons a day on a population of 40,000 souls. The daily average flow of the water thus gauged being (2″ × 24″) over the board, the yield may be estimated at 1,846,000 gallons a day which is above the required quantity.

5. The chemical analysis also shows that the water of the flowing river as well as that of wells dug in its bed is pure and fit for drinking purposes.

6. The annual cost of pumping is, in the opinion of the Council, rather over-estimated taking into consideration the local rates of wages paid to persons employed on similar works and the price of fuel in the place. On an information obtained of the actual charges incurred by the Dindigul Municipality (population 20,000) for the maintenance of a pumping station where the cost did not exceed Rs. 1,836 or Rs. 1,900 a year, it cannot be estimated that it would cost here more than double that amount, viz., Rs. 3,800 or Rs. 4,000 in round numbers actually.

7. The question of settling the compensation need not engage the Government till the scheme is found to actually stand the test of the supply into the infiltration gallery proposed to be dug. The ground selected for the trench is not an arable land, but one of gravel and small stones the acquisition of which will not, in my opinion, be difficult if at all an acquisition is necessary.

8. With reference to paragraph 2 of the order, I beg to inform you that the Council considers the project to be the best in every way and the cheapest that it could think of, and hopes that the scheme will prove a success and relieve the public of the distress they have so long felt in the matter of a good supply of pure drinking water. In obedience to the Government Order and in accordance with the wishes of the Council, I negotiated with the Samasthanam authorities who have agreed to fulfil the promise so generously made by the late lamented Maharaja subject to the conditions laid down by the Collector and Guardian in his letter No. 271, dated 26th June last.

9. The Council most thankfully accepts the offer of Government to contribute half the cost of the scheme and feels equally thankful to Her Highness the Maharani Sahiba for the liberal offer now made, supported by the good advice of the Collector and Guardian, and requests that the Government will be pleased to approve the resolution of the Council in borrowing one and a half lakhs of rupees from the Samastanam

authorities under the conditions laid in the Collector and Guardian's letter above quoted, to be supplemented to a similar amount which the Government is pleased to make a grant of, towards the cost of the scheme.

10. In the event of Government sanctioning the loan which the Municipality proposes, the Council shall have to levy a water-rate at 8 per cent. on all buildings and lands within the Municipality other than those belonging to the Samastanam, in order to enable it to meet the cost of maintaining the works. The marginally-noted figures will give detailed information as to how the money thus raised will be spent. The amount which the Government may be pleased to advance will be liquidated with interest at 4 per cent. in 20 years by the Samasthanam on condition that its buildings are exempted from paying water-tax.

	Rs.
Average actual collections under tax on buildings and lands at 7½ per cent.	9,968
Estimated revenue collectable as water-rate at 8 per cent.	10,633
Deduct water-rate on Samasthaman buildings at 8 per cent.	3,200
Amount of water-rate available for expenses ..	7,433
Amount to be met from other sources ..	1,567
Amount required for the maintenance of pumping station annually	9,000

11. In conclusion, the Council most earnestly requests that the Government be pleased to sanction the proposals made for carrying out the scheme, viz.—

(1) to make a grant of half the cost of the water scheme;

(2) to permit the Council to raise a loan from Provincial funds, the liquidation of which is guaranteed by the Samasthanam as shown in the letter No. 271 of 26th June 1899 of the Collector and Guardian;

(3) to sanction the levy of water-tax on buildings and lands within the Municipality and to allow the Council to exempt the tax on Samasthanam buildings;

(4) to advance the sum of Rs. 10,500 required for the excavation of the trench for the infiltration gallery;

(5) to order the acquisition of the land required for the gallery, if necessary.

12. The Municipal Council wishes to take up the work at once and would like to see that the work is actually commenced during the next winter, a favourable season for earthworks. Meanwhile the necessary preliminaries may be adopted.

13. The delay in replying to the above proceedings was due to the fact that Her Highness the Maharani Sahiba was absent from the place, and nothing could be settled until Her Highness' return to Vizianagram. I therefore most earnestly beg that the Government will be pleased to pass early orders on the subject so that the work may be taken up before long.

The plans, estimates and other papers connected with the subject are herewith returned as directed.

Enclosures.

Letter—from H. F. W. Gillman, Esq., I.C.S., Collector and Guardian, Vizianagram.
To—the Chairman, Municipal Council, Vizianagram.
Dated—the 26th June 1899.
No.—271-A/Rev.

In reply to your letter No. 314 of 23rd March 1899, I have the honour to state that subject to the condition that all the estate buildings in this Municipality will permanently be exempted from payment of water-taxes, I am prepared to recommend to Government that the estate should pay interest on half the cost of the water-supply scheme to this town, not exceeding one and half lakhs of rupees, for such a term of years as the Government may be pleased to fix for the liquidation of the principal and interest of such loan, by annual payments made by the Samasthanam to the Municipality.

In such an arrangement, the Municipality will borrow the amount from Government and the estate will guarantee liquidation of this amount on the terms above named.

2. I may add that Her Highness the Maharani of Vizianagram has been pleased to approve of this arrangement, which is in conformity with the wishes of her late lamented son.

3. You will, of course, understand that the offer now made is subject to the sanction of Government. I shall be glad if you will lay the matter before the Municipal Council and forward me its resolution. If the offer is found acceptable, I shall address Government and obtain its orders in regard to the proposal.

Extract from the Proceedings of the Municipal Council, Vizianagram, dated 12th August 1899.

* * * * *

Read Proceedings of the Madras Government, dated 16th December 1898, Mis. No. 2170 M.

Read letter from the Collector and Guardian of the Vizianagram Samasthanam, dated the 26th June last, No. 271-A, stating that he is prepared to recommend to Government that the estate should pay interest on half the cost of water-supply scheme to the town, not exceeding one and half lakhs of rupees, for such term of years as the Government may be pleased to fix for the liquidation of the principal and interest, subject to the condition that all the estate buildings in the Municipality will permanently be exempted from payment of water-taxes and requesting the Council to forward its resolution on the subject.

Resolution No. 1.—The Council unanimously resolves to gratefully accept the liberal offer of the Collector and Guardian of the Vizianagram Samasthanam to liquidate the loan of half the cost of the water scheme not exceeding a lakh and a half rupees subject to the conditions specified in his letter. The Council thinks that with this offer as well as the equally liberal offer of the Government to contribute a moiety of the estimated cost and advance the balance from Provincial funds it will be in a position to undertake the scheme and proposes to levy, with the sanction of Government, a water-tax at 8 per cent. on the estimated annual rent value of buildings other than those belonging to the Samasthanam, so as to meet the pumping and other charges to as much an extent as possible. Resolved further that the Council do place on record its deep sense of obligation and gratitude to the Government and Her Highness the Maharani of Vizianagram for their liberal offers.

* * * * *

Endt. on S.C. No. 1176, *dated* 29*th August* 1899.

Forwarded through the Collector, Vizagapatam.

If the offer of the Vizianagram Samasthanam is accepted, there should be no difficulty in financing the scheme.

W. W. Phillips,
Ag. Principal Assistant Collector.

Endt. on C. No. 2511, *dated* 31*st August* 1899.

Forwarded.

W. O. Horne,
Collector.

Order—No. 1652 M., dated 10th November 1899.

The Government does not consider that the Municipal Council of Vizianagram can undertake the scheme for the water-supply of the town recommended by the Sanitary Board, unless the Vizianagram estate contributes a moiety of the initial cost. The Government does not think it advisable that the Council should accept the contribution promised by the Maharani on the terms stated in the correspondence, and therefore the question of undertaking the work must be postponed until the Maharaja comes of age and is ready to give such assistance as may be needed for financing the scheme.

(True Extract.)

M. Hammick,
Ag. Secretary to Government.

To the Chairman, Municipal Council, Vizianagram.
" Collector of Vizagapatam.
" Sanitary Board.
" " Commissioner.
" " Engineer.

NOTES CONNECTED WITH G.O., No. 1652 M., DATED 10TH NOVEMBER 1899.

[SUBJECT.—*Vizianagram water-supply scheme.*]

From the Sanitary Board, dated 1st March 1899, No. 79-S.

From the Collector of Vizagapatam, dated 31st August 1899, C. No. 2511.

In G.O., No. 2170 M., dated 16th December 1898, the plans and estimates of a scheme for the water-supply of Vizianagram, prepared by the Sanitary, Engineer, were forwarded to the Municipal Council for remarks. The Council was also requested to ascertain and report whether the contribution of Rs. 1,50,000 promised by the late Maharaja of Vizianagram would be realized, and if this was not possible, to state how it proposed to finance the scheme on the understanding that the Government would contribute a moiety of the estimated cost and advance the balance at 4 per cent. interest repayable in twenty years.

2. With the first of the letters read above, the Chairman forwards a copy of a communication addressed to him by the Collector and Guardian of the Vizianagram Samasthanam, in which that officer states that he is prepared to recommend to Government that the estate should pay interest on half the cost of the water-supply scheme, not exceeding Rs. 1,50,000, for such term of years as the Government may be pleased to fix for the liquidation of the principal and interest of such loan, by annual payments made to the Municipality, subject to the condition that all the estate buildings in the town are permanently exempted from payment of the water-tax. The Council, in its resolution No. 1, dated 12th August 1899, has accepted the offer of the Collector and Guardian of the Samasthanam and states that with this help and the offer of Government to contribute a moiety of the initial cost and advance the balance from Provincial funds, it will be in a position to undertake the scheme and it proposes to levy, with the sanction of Government, a water and drainage tax of 8 per cent. on the annual value of buildings other than those belonging to the Samasthanam so as to meet the annual maintenance charges. The Chairman also reports that the Council approves of the scheme recommended by the Sanitary Board as being the best and the cheapest.

3. The cost of the scheme, as originally estimated by the Sanitary Engineer, In G.O., No. 2170 M., dated 16th December 1898. Rs. 2,82,000. In its resolution No. 556-S., dated 23rd September 1898, the Sanitary Board pointed out that the estimate did not provide for compensation for the lands required for the construction of the infiltration gallery and the service reservoir and for those situated above and below the infiltration gallery, which would be rendered unfit for cultivation by the construction of the water-works and it accordingly recommended that the estimate should be raised to Rs. 2,92,550. The Sanitary Board also suggested that the infiltration gallery should be first excavated at a cost of Rs. 10,500 and the yield tested during the dry months of the year and that, if the results were satisfactory, the estimate for the whole scheme could then be revised. The Municipal Council, while considering that the construction of the infiltration gallery is the important point in the whole scheme, expresses the hope that the experiment will prove the sufficiency of the supply having regard to the previous experience obtained by a daily record kept of the depth of water flowing over the weir board fixed on the upper anicut of the Oottaigedda successively for three months in the driest season of 1898, which produced satisfactory results. The Council further states that the annual cost of pumping is over-estimated,

considering the local rates of wages paid to persons employed on similar works and the price of fuel in the place, and may well be reduced to, say, Rs. 4,000, that the question of settling the compensation for the lands referred to need not be considered by Government until the scheme is found to stand the test of the supply into the infiltration gallery proposed to be dug and that the ground selected for digging the trench is not an arable land but one of gravel and small stones, the acquisition of which will not be difficult should its acquisition be at all necessary.

4. For the purpose of financing the scheme, the estimated initial cost may be taken as Rs. 2,92,550 or say, roughly, 3 lakhs, as the acquisition of the sites of the infiltration gallery and the service reservoir will sooner or later be necessary, and compensation must be paid for the damage done to cultivation in the lands adjoining the infiltration gallery. The Sanitary Board also says that the estimate needs revision. As regards the annual working charges of the scheme, the Sanitary Engineer's estimate, viz. Rs. 9,000, may be accepted, as the difference in the local rates of wages and in the price of fuel at Vizianagram is not likely to affect it to the extent represented by the Municipal Council. Now the Government has undertaken to contribute from Provincial funds a moiety of the estimated initial cost and to lend the balance at 4 per cent. interest repayable in twenty years. The Collector and Guardian of the Vizianagram Samasthanam is willing to recommend to Government that the estate should guarantee the liquidation of this loan by paying to the Municipality every year interest on half the cost of the scheme not exceeding 1½ lakhs for such a term of years as the Government may fix for the liquidation of the loan, but he points out that any guarantee given by him with the approval of Her Highness the Maharani will not enure beyond the period of management. He however states that he is sure that the obligation is one that will not be repudiated by the future owner, that the risk may therefore be disregarded and that as the estate cannot afford to pay up half the cost of the scheme during the period of management, he is unable to propose any other arrangement. Under section 75 (2) of the District Municipalities Act, as amended, the Government can by notification exempt the buildings belonging to the Vizianagram estate from payment of the water-tax. It is however for consideration whether it will be advisable for the Municipal Council to launch on the water-supply scheme on the strengh of the promise made by the Collector and Guardian; for it is doubtful whether such a promise, even if a formal agreement were executed by him, would be binding on the future owner of the estate. It has also to be noted that the Municipal Council will be unable to undertake the scheme without the help from the Vizianagram estate above referred to. The annual payment on account of the loan of 1½ lakhs to be advanced by Government repayable in twenty years with interest at 4 per cent. is Rs. 11,040, which together with the annual working charges of Rs. 9,000, amounts to Rs. 20,040 in the aggregate, while the only additional revenue which can be raised by the Municipal Council is Rs. 13,302 (Rupees 1,478, * by raising the rate of the tax on buildings and lands from 7½ to 8½ per cent. of their annual value, and Rs. 11,824 † by imposing a water-tax of 8 per cent. on *all* buildings and lands in the town). If however the offer of a contibution from Vizianagram estate on the conditions specified is accepted, the Council will have no difficulty whatever in undertaking the scheme.

Vide paragraph 2 of G.O., No. 2170 M., dated 16th December 1898.

For a precedent, please see G.O., No. 1410 M., dated 12th August 1898.

	Rs.
* Net demand under the tax on buildings and lands in 1898-99 at 7½ per cent	11,086
Net demand under the tax on buildings and lands in 1898-99 at 8½ per cent.	12,564
Increase	1,478
† Water tax at 8 per cent.	11,824
Total ..	13,302

V. Raghava Charlu—27-10-99.

The scheme is impossible unless the Vizianagaram estate contributes interest and sinking fund for half the cost and the Government contribute the other half. The question then is whether it is advisable to trust to the promise of the Maharani on behalf of the estate to pay the sum every year. It is a large sum that will have to

be paid—over Rs. 11,000 per annum—and looking to the risk which will be run, it certainly does not seem advisable that Provincial funds should advance 1½ lakhs on no better security than a promise. The boy growing up if he turns out badly might throw over the contract at any time.

The Advocate-General might perhaps be able to suggest some way by which the estate can be bound, if not, unless Mr. Gillman can find the money in one or two instalments, it is submitted that the scheme should be dropped for the present and renewed when the boy comes of age.

M. Hammick—30-10-99.

The scheme cannot be undertaken on the terms proposed. It must be dropped until the Maharaja is of age and ready to give such assistance as may be needed for the finances.

A. T. A[rundel]—1-11-99.

[G.O., No. 1652 M., dated 10th November 1899.]

Government of Madras.

LOCAL AND MUNICIPAL DEPARTMENT.

MISCELLANEOUS.

Read. — *Enclosures*

1899.

Regd. — *Spare copies*

G.O., No. 1652 M., 10th November 1899.

N. P.

Water-supply.

Stating that the Government does not consider that the Municipal Council of Vizianagram can undertake the scheme for the — of the town unless the Vizianagram estate contributes a moiety of the cost and that the question of undertaking the work must be postponed until the Maharaja comes of age and is ready to give such assistance as may be needed for financing the scheme.

GOVERNMENT OF MADRAS.

LOCAL AND MUNICIPAL DEPARTMENT.

READ—the following papers :—

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Read—the following paper :—

Note by the President, Sanitary Board.

In Proceedings of the Sanitary Board, No. 556/S., dated 23rd September 1898, an estimate amounting to Rs. 2,82,000 for the Vizianagram water-supply project, prepared by the Acting Sanitary Engineer, Mr. Russel, was submitted to Government for orders. The rates in the estimate were, Mr. Russel informs me, based on the Public Works Department schedule of the Vizagapatam division. This schedule has since been found by the Chief Engineer to be "manifestly inaccurate*." The rates are understood to be too low. It is impossible to say how much the rates will have to be increased until the schedule of rates has been revised by the local officers, but the information will be obtained as soon as practicable.

* *Vide* G.O., No. 2310 W., dated 6th September 1898.

2. I, therefore, recommend that Government be apprised of this in the Local and Municipal Department, so that if the estimate be finally sanctioned in that department the sanction may be accorded subject to further scrutiny of the rates.

A. W. SMART, Col., R.E.,
Ag. President, Sanitary Board.

Resolution—No. 79/*S., dated* 1*st March* 1899.

The note of the President read above will be submitted to Government with reference to G.O., Mis. No. 2170 M., dated 16th December 1898.

(True Extract.)

R. PARSONS,
Secretary, Sanitary Board.

To the Secretary to Government, Local and Municipal Department,
with a copy of G.O., No. 2310 W., dated 6th September 1898.

III

Letter—from M.R.Ry. V. VENKATRAYA SASTRI Garu, Chairman, Municipal Council, Vizianagram.
To—the Secretary to Government, Local and Municipal Department (through the Revenue Divisional officer).
Dated—the 25th August 1899.
No.—513-C.

With reference to G.O., Mis. No. 2170 M., dated 16th December last, forwarding, for the Council's remarks, the plans and estimates and the Proceedings of the Sanitary Board in connection with the water-supply scheme to the town of Vizianagram, and requesting the Municipal Council to ascertain and report whether the contribution promised by the late Maharaja will now be realised, I have the honour to forward herewith copy of the Proceedings of the Municipal Council held on the 12th instant and the letter of the Collector and Guardian of the Vizianagram Samasthanam, dated 26th June 1899, No. 271, for the information and approval of the Government.

2. With reference to paragraph 1 of the order under reply, I beg to submit that the Council entirely agrees with the views of the Sanitary Board in selecting the Ootagedda scheme in preference to others for reasons stated by the Board in paragraph 3 of its proceedings, dated 23rd September 1898, No. 556/S.

3. The infiltration trench, which is estimated to cost Rs. 10,500, is proposed to be dug in order to test the nature of the yield. The Council considers that this is the vital point of the whole scheme and trusts it will prove that there will be a sufficient supply of water in all seasons of the year, regard being had to the previous experience obtained by a daily record kept of the depth of water flowing over the weir board fixed on the upper anicut of Ootagedda successively for three months in the driest season of 1898 which produced satisfactory results.

4. The average quantity required for the consumption of the towns-people taken at 15 gallons per head is estimated to be 6,00,000 gallons a day on a population of 40,000 souls. The daily average flow of the water thus gauged being (2″ × 24″) over the board, the yield may be estimated at 1,846,000 gallons a day which is above the required quantity.

5. The chemical analysis also shows that the water of the flowing river as well as that of wells dug in its bed is pure and fit for drinking purposes.

6. The annual cost of pumping is, in the opinion of the Council, rather overestimated taking into consideration the local rates of wages paid to persons employed on similar works and the price of fuel in the place. On an information obtained of the actual charges incurred by the Dindigul Municipality (population 20,000) for the maintenance of a pumping station where the cost did not exceed Rs. 1,836 or Rs. 1,900 a year, it cannot be estimated that it would cost here more than double that amount, viz., Rs. 3,800 or Rs. 4,000 in round numbers actually.

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8. With reference to paragraph 2 of the order, I beg to inform you that the Council considers the project to be the best in every way and the cheapest that it could think of, and hopes that the scheme will prove a success and relieve the public of the distress they have so long felt in the matter of a good supply of pure drinking water. In obedience to the Government Order and in accordance with the wishes of the Council, I negotiated with the Samasthanam authorities who have agreed to fulfil the promise so generously made by the late lamented Maharaja subject to the conditions laid down by the Collector and Guardian in his letter No. 271, dated 26th June last.

9. The Council most thankfully accepts the offer of Government to contribute half the cost of the scheme and feels equally th[illegible]l to Her Highness the Maharani Sahiba for the liberal offer now made, su[illegible] the good advice of the Collecto and Guardian, and requests that the Government will be pleased to approve the resolution of the Council in borrowing one [illegible]-hs of rupees from the Samastanam

authorities under the conditions laid in the Collector and Guardian's letter above quoted, to be supplemented to a similar amount which the Government is pleased to make a grant of, towards the cost of the scheme.

10. In the event of Government sanctioning the loan which the Municipality proposes, the Council shall have to levy a water-rate at 8 per cent. on all buildings and lands within the Municipality other than those belonging to the Samastanam, in order to enable it to meet the cost of maintaining the works. The marginally-noted figures will give detailed information as to how the money thus raised will be spent. The amount which the Government may be pleased to advance will be liquidated with interest at 4 per cent. in 20 years by the Samasthanam on condition that its buildings are exempted from paying water-tax.

	Rs.
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Amount required for the maintenance of pumping station annually	9,000

11. In conclusion, the Council most earnestly requests that the Government be pleased to sanction the proposals made for carrying out the scheme, viz.—

(1) to make a grant of half the cost of the water scheme;

(2) to permit the Council to raise a loan from Provincial funds, the liquidation of which is guaranteed by the Samasthanam as shown in the letter No. 271 of 26th June 1899 of the Collector and Guardian;

(3) to sanction the levy of water-tax on buildings and lands within the Municipality and to allow the Council to exempt the tax on Samasthanam buildings;

(4) to advance the sum of Rs. 10,500 required for the excavation of the trench for the infiltration gallery;

(5) to order the acquisition of the land required for the gallery, if necessary.

12. The Municipal Council wishes to take up the work at once and would like to see that the work is actually commenced during the next winter, a favourable season for earthworks. Meanwhile the necessary preliminaries may be adopted.

13. The delay in replying to the above proceedings was due to the fact that Her Highness the Maharani Sahiba was absent from the place, and nothing could be settled until Her Highness' return to Vizianagram. I therefore most earnestly beg that the Government will be pleased to pass early orders on the subject so that the work may be taken up before long.

The plans, estimates and other papers connected with the subject are herewith returned as directed.

ENCLOSURES.

Letter—from H. F. W. GILLMAN, Esq., I.C.S., Collector and Guardian, Vizianagram.
To—the Chairman, Municipal Council, Vizianagram.
Dated—the 26th June 1899.
No.—271-A/Rev.

In reply to your letter No. 314 of 23rd March 1899, I have the honour to state that subject to the condition that all the estate buildings in this Municipality will permanently be exempted from payment of water-taxes, I am prepared to recommend to Government that the estate should pay interest on half the cost of the water-supply scheme to this town, not exceeding one and half lakhs of rupees, for such a term of years as the Government may be pleased to fix for the liquidation of the principal and interest of such loan, by annual payments made by the Samasthanam to the Municipality.

In such an arrangement, the Municipality will borrow the amount from Government and the estate will guarantee liquidation of this amount on the terms above named.

2. I may add that Her Highness the Maharani of Vizianagram has been pleased to approve of this arrangement, which is in conformity with the wishes of her late lamented son.

3. You will, of course, understand that the offer now made is subject to the sanction of Government. I shall be glad if you will lay the matter before the Municipal Council and forward me its resolution. If the offer is found acceptable, I shall address Government and obtain its orders in regard to the proposal.

Extract from the Proceedings of the Municipal Council, Vizianagram, dated 12th August 1899.

* * * * *

Read Proceedings of the Madras Government, dated 16th December 1898, Mis. No. 2170 M.

Read letter from the Collector and Guardian of the Vizianagram Samasthanam, dated the 26th June last, No. 271-A, stating that he is prepared to recommend to Government that the estate should pay interest on half the cost of water-supply scheme to the town, not exceeding one and half lakhs of rupees, for such term of years as the Government may be pleased to fix for the liquidation of the principal and interest, subject to the condition that all the estate buildings in the Municipality will permanently be exempted from payment of water-taxes and requesting the Council to forward its resolution on the subject.

Resolution No. 1.—The Council unanimously resolves to gratefully accept the liberal offer of the Collector and Guardian of the Vizianagram Samasthanam to liquidate the loan of half the cost of the water scheme not exceeding a lakh and a half rupees subject to the conditions specified in his letter. The Council thinks that with this offer as well as the equally liberal offer of the Government to contribute a moiety of the estimated cost and advance the balance from Provincial funds it will be in a position to undertake the scheme and proposes to levy, with the sanction of Government, a water-tax at 8 per cent. on the estimated annual rent value of buildings other than those belonging to the Samasthanam, so as to meet the pumping and other charges to as much an extent as possible. Resolved further that the Council do place on record its deep sense of obligation and gratitude to the Government and Her Highness the Maharani of Vizianagram for their liberal offers.

* * * * *

Endt. on S.C. No. 1176, *dated* 29*th August* 1899.

Forwarded through the Collector, Vizagapatam.

If the offer of the Vizianagram Samasthanam is accepted, there should be no difficulty in financing the scheme.

W. W. PHILLIPS,
Ag. Principal Assistant Collector.

Endt. on C. No. 2511, *dated* 31*st August* 1899.

Forwarded.

W. O. HORNE,
Collector.

Order—No. 1652 M., dated 10th November 1899.

The Government does not consider that the Municipal Council of Vizianagram can undertake the scheme for the water-supply of the town recommended by the Sanitary Board, unless the Vizianagram estate contributes a moiety of the initial cost. The Government does not think it advisable that the Council should accept the contribution promised by the Maharani on the terms stated in the correspondence, and therefore the question of undertaking the work must be postponed until the Maharaja comes of age and is ready to give such assistance as may be needed for financing the scheme.

(True Extract.)

M. HAMMICK,
Ag. Secretary to Government.

To the Chairman, Municipal Council, Vizianagram.
" Collector of Vizagapatam.
" Sanitary Board.
" " Commissioner.
" " Engineer.

NOTES CONNECTED WITH G.O., No. 1652 M., DATED 10TH NOVEMBER 1899.

[SUBJECT.—*Vizianagram water-supply scheme.*]

From the Sanitary Board, dated 1st March 1899, *No.* 79-S.

From the Collector of Vizagapatam, dated 31st August 1899, *C. No.* 2511.

In G.O., No. 2170 M., dated 16th December 1898, the plans and estimates of a scheme for the water-supply of Vizianagram, prepared by the Sanitary, Engineer, were forwarded to the Municipal Council for remarks. The Council was also requested to ascertain and report whether the contribution of Rs. 1,50,000 promised by the late Maharaja of Vizianagram would be realized, and if this was not possible, to state how it proposed to finance the scheme on the understanding that the Government would contribute a moiety of the estimated cost and advance the balance at 4 per cent. interest repayable in twenty years.

2. With the first of the letters read above, the Chairman forwards a copy of a communication addressed to him by the Collector and Guardian of the Vizianagram Samasthanam, in which that officer states that he is prepared to recommend to Government that the estate should pay interest on half the cost of the water-supply scheme, not exceeding Rs. 1,50,000, for such term of years as the Government may be pleased to fix for the liquidation of the principal and interest of such loan, by annual payments made to the Municipality, subject to the condition that all the estate buildings in the town are permanently exempted from payment of the water-tax. The Council, in its resolution No. 1, dated 12th August 1899, has accepted the offer of the Collector and Guardian of the Samasthanam and states that with this help and the offer of Government to contribute a moiety of the initial cost and advance the balance from Provincial funds, it will be in a position to undertake the scheme and it proposes to levy, with the sanction of Government, a water and drainage tax of 8 per cent. on the annual value of buildings other than those belonging to the Samasthanam so as to meet the annual maintenance charges. The Chairman also reports that the Council approves of the scheme recommended by the Sanitary Board as being the best and the cheapest.

3. The cost of the scheme, as originally estimated by the Sanitary Engineer, was Rs. 2,82,000. In its resolution No. 556-S., dated 23rd September 1898, the Sanitary Board pointed out that the

In G.O., No. 2170 M., dated 16th December 1898.

estimate did not provide for compensation for the lands required for the construction of the infiltration gallery and the service reservoir and for those situated above and below the infiltration gallery, which would be rendered unfit for cultivation by the construction of the water-works and it accordingly recommended that the estimate should be raised to Rs. 2,92,550. The Sanitary Board also suggested that the infiltration gallery should be first excavated at a cost of Rs. 10,500 and the yield tested during the dry months of the year and that, if the results were satisfactory, the estimate for the whole scheme could then be revised. The Municipal Council, while considering that the construction of the infiltration gallery is the important point in the whole scheme, expresses the hope that the experiment will prove the sufficiency of the supply having regard to the previous experience obtained by a daily record kept of the depth of water flowing over the weir board fixed on the upper anicut of the Oottaigedda successively for three months in the driest season of 1898, which produced satisfactory results. The Council further states that the annual cost of pumping is over-estimated,

considering the local rates of wages paid to persons employed on similar works and the price of full in the place, and may well be reduced to, say, Rs. 4.000, that the question of settling the compensation for the lands referred to need not be considered by Government until the scheme is found to stand the test of the supply into the infiltration gallery proposed to be dug and that the ground selected for digging the trench is not an arable land but one of gravel and small stones, the acquisition of which will not be difficult should its acquisition be at all necessary.

4. For the purpose of financing the scheme, the estimated initial cost may be taken as Rs. 2,92,550 or say, roughly, 3 lakhs, as the acquisition of the sites of the infiltration gallery and the service reservoir will sooner or later be necessary, and compensation must be paid for the damage done to cultivation in the lands adjoining the infiltration gallery. The Sanitary Board also says that the estimate needs revision. As regards the annual working charges of the scheme, the Sanitary Engineer's estimate, viz. Rs. 9,000, may be accepted, as the difference in the local rates of wages and in the price of fuel at Vizianagram is not likely to affect it to the extent represented by the Municipal Council. Now the Government has undertaken to contribute from Provincial funds a moiety of the estimated initial cost and to lend the balance at 4 per cent. interest repayable in twenty years. The Collector and Guardian of the Vizianagram Samasthanam is willing to recommend to Government that the estate should guarantee the liquidation of this loan by paying to the Municipality every year interest on half the cost of the scheme not exceeding 1½ lakhs for such a term of years as the Government may fix for the liquidation of the loan, but he points out that any guarantee given by him with the approval of Her Highness the Maharani will not enure beyond the period of management. He however states that he is sure that the obligation is one that will not be repudiated by the future owner, that the risk may therefore be disregarded and that as the estate cannot afford to pay up half the cost of the scheme during the period of management, he is unable to propose any other arrangement. Under section 75 (2) of the District Municipalities Act, as amended, the Government can by notification exempt the buildings belonging to the Vizianagram estate from payment of the water-tax. It is however for consideration whether it will be advisable for the Municipal Council to launch on the water-supply scheme on the strengh of the promise made by the Collector and Guardian; for it is doubtful whether such a promise, even if a formal agreement were executed by him, would be binding on the future owner of the estate. It has also to be noted that the Municipal Council will be unable to undertake the scheme without the help from the Vizianagram estate above referred to. The annual payment on account of the loan of 1½ lakhs to be advanced by Government repayable in twenty years with interest at 4 per cent. is Rs. 11,040, which together with the annual working charges of Rs. 9,000, amounts to Rs. 20,040 in the aggregate, while the only additional revenue which can be raised by the Municipal Council is Rs. 13,302 (Rupees 1,478, * by raising the rate of the tax on buildings and lands from 7½ to 8½ per cent. of their annual value, and Rs. 11,824 † by imposing a water-tax of 8 per cent. on *all* buildings and lands in the town). If however the offer of a contibution from Vizianagram estate on the conditions specified is accepted, the Council will have no difficulty whatever in undertaking the scheme.

Vide paragraph 2 of G.O., No. 2170 M., dated 16th December 1898.

For a precedent, please see G.O., No. 1410 M., dated 12th August 1898.

	Rs.
* Net demand under the tax on buildings and lands in 1898–99 at 7½ per cent	11,086
Net demand under the tax on buildings and lands in 1898–99 at 8½ per cent.	12,564
Increase	1,478
† Water tax at 8 per cent.	11,824
Total ..	13,302

V. Raghava Charlu—27-10-99.

The scheme is impossible unless the Vizianagaram estate contributes interest and sinking fund for half the cost and the Government contribute the other half. The question then is whether it is advisable to trust to the promise of the Maharani on behalf of the estate to pay the sum every year. It is a large sum that will have to

be paid—over Rs. 11,000 per annum—and looking to the risk which will be run, it certainly does not seem advisable that Provincial funds should advance 1½ lakhs on no better security than a promise. The boy growing up if he turns out badly might throw over the contract at any time.

The Advocate-General might perhaps be able to suggest some way by which the estate can be bound, if not, unless Mr. Gillman can find the money in one or two instalments, it is submitted that the scheme should be dropped for the present and renewed when the boy comes of age.

M. Hammick—30-10-99.

The scheme cannot be undertaken on the terms proposed. It must be dropped until the Maharaja is of age and ready to give such assistance as may be needed for the finances.

A. T. A[rundel]—1-11-99.

[G.O., No. 1652 M., dated 10th November 1899.]

Government of Madras.

LOCAL AND MUNICIPAL DEPARTMENT.

MISCELLANEOUS.

Read. } 1899. *Enclosures*

Regd. *Spare copies*

G.O., No. 1652 M., 10th November 1899.

N. P.

Water-supply.

Stating that the Government does not consider that the Municipal Council of Vizianagram can undertake the scheme for the — of the town unless the Vizianagram estate contributes a moiety of the cost and that the question of undertaking the work must be postponed until the Maharaja comes of age and is ready to give such assistance as may be needed for financing the scheme.

GOVERNMENT OF MADRAS.

LOCAL AND MUNICIPAL DEPARTMENT.

READ—the following papers :—

I

G.O., No. 2170 M., dated 16th December 1898.

II

Proceedings of the Sanitary Board, No. 79/S., dated 1st March 1899.

Read—the following paper :—

Note by the President, Sanitary Board.

In Proceedings of the Sanitary Board, No. 556/S., dated 23rd September 1898, an estimate amounting to Rs. 2,82,000 for the Vizianagram water-supply project, prepared by the Acting Sanitary Engineer, Mr. Russel, was submitted to Government for orders. The rates in the estimate were, Mr. Russel informs me, based on the Public Works Department schedule of the Vizagapatam division. This schedule has since been found by the Chief Engineer to be "manifestly inaccurate*." The rates are understood to be too low. It is impossible to say how much the rates will have to be increased until the schedule of rates has been revised by the local officers, but the information will be obtained as soon as practicable.

2. I, therefore, recommend that Government be apprised of this in the Local and Municipal Department, so that if the estimate be finally sanctioned in that department the sanction may be accorded subject to further scrutiny of the rates.

A. W. SMART, Col., R.E.,
Ag. President, Sanitary Board.

Vide G.O., No. 2310 W., dated 6th September 1898.

Resolution—No. 79/S., dated 1st March 1899.

The note of the President read above will be submitted to Government with reference to G.O., Mis. No. 2170 M., dated 16th December 1898.

(True Extract.)

R. PARSONS,
Secretary, Sanitary Board.

To the Secretary to Government, Local and Municipal Department,
with a copy of G.O., No. 2310 W., dated 6th September 1898.

III

Letter—from M.R.Ry. V. VENKATRAYA SASTRI Garu, Chairman, Municipal Council, Vizianagram.
To—the Secretary to Government, Local and Municipal Department (through the Revenue Divisional officer).
Dated—the 25th August 1899.
No.—513-C.

With reference to G.O., Mis. No. 2170 M., dated 16th December last, forwarding, for the Council's remarks, the plans and estimates and the Proceedings of the Sanitary Board in connection with the water-supply scheme to the town of Vizianagram, and requesting the Municipal Council to ascertain and report whether the contribution promised by the late Maharaja will now be realised, I have the honour to forward herewith copy of the Proceedings of the Municipal Council held on the 12th instant and the letter of the Collector and Guardian of the Vizianagram Samasthanam, dated 26th June 1899, No. 271, for the information and approval of the Government.

2. With reference to paragraph 1 of the order under reply, I beg to submit that the Council entirely agrees with the views of the Sanitary Board in selecting the Ootagedda scheme in preference to others for reasons stated by the Board in paragraph 3 of its proceedings, dated 23rd September 1898, No. 556/S.

3. The infiltration trench, which is estimated to cost Rs. 10,500, is proposed to be dug in order to test the nature of the yield. The Council considers that this is the vital point of the whole scheme and trusts it will prove that there will be a sufficient supply of water in all seasons of the year, regard being had to the previous experience obtained by a daily record kept of the depth of water flowing over the weir board fixed on the upper anicut of Ootagedda successively for three months in the driest season of 1898 which produced satisfactory results.

4. The average quantity required for the consumption of the towns-people taken at 15 gallons per head is estimated to be 6,00,000 gallons a day on a population of 40,000 souls. The daily average flow of the water thus gauged being (2″ × 24″) over the board, the yield may be estimated at 1,846,000 gallons a day which is above the required quantity.

5. The chemical analysis also shows that the water of the flowing river as well as that of wells dug in its bed is pure and fit for drinking purposes.

6. The annual cost of pumping is, in the opinion of the Council, rather overestimated taking into consideration the local rates of wages paid to persons employed on similar works and the price of fuel in the place. On an information obtained of the actual charges incurred by the Dindigul Municipality (population 20,000) for the maintenance of a pumping station where the cost did not exceed Rs. 1,836 or Rs. 1,900 a year, it cannot be estimated that it would cost here more than double that amount, viz., Rs. 3,800 or Rs. 4,000 in round numbers actually.

7. The question of settling the compensation need not engage the Government till the scheme is found to actually stand the test of the supply into the infiltration gallery proposed to be dug. The ground selected for the trench is not an arable land, but one of gravel and small stones the acquisition of which will not, in my opinion, be difficult if at all an acquisition is necessary.

8. With reference to paragraph 2 of the order, I beg to inform you that the Council considers the project to be the best in every way and the cheapest that it could think of, and hopes that the scheme will prove a success and relieve the public of the distress they have so long felt in the matter of a good supply of pure drinking water. In obedience to the Government Order and in accordance with the wishes of the Council, I negotiated with the Samasthanam authorities who have agreed to fulfil the promise so generously made by the late lamented Maharaja subject to the conditions laid down by the Collector and Guardian in his letter No. 271, dated 26th June last.

9. The Council most thankfully accepts the offer of Government to contribute half the cost of the scheme and feels equally thankful to Her Highness the Maharani Sahiba for the liberal offer now made, supported by the good advice of the Collector and Guardian, and requests that the Government will be pleased to approve the resolution of the Council in borrowing one and a half lakhs of rupees from the Samastanam

authorities under the conditions laid in the Collector and Guardian's letter above quoted, to be supplemented to a similar amount which the Government is pleased to make a grant of, towards the cost of the scheme.

10. In the event of Government sanctioning the loan which the Municipality proposes, the Council shall have to levy a water-rate at 8 per cent. on all buildings and lands within the Municipality other than those belonging to the Samastanam, in order to enable it to meet the cost of maintaining the works. The marginally-noted figures will give detailed information as to how the money thus raised will be spent. The amount which the Government may be pleased to advance will be liquidated with interest at 4 per cent. in 20 years by the Samasthanam on condition that its buildings are exempted from paying water-tax.

	Rs.
Average actual collections under tax on buildings and lands at 7½ per cent.	9,968
Estimated revenue collectable as water-rate at 8 per cent.	10,633
Deduct water-rate on Samasthaman buildings at 8 per cent.	3,200
Amount of water-rate available for expenses ..	7,433
Amount to be met from other sources ..	1,567
Amount required for the maintenance of pumping station annually	9,000

11. In conclusion, the Council most earnestly requests that the Government be pleased to sanction the proposals made for carrying out the scheme, viz.—

(1) to make a grant of half the cost of the water scheme;

(2) to permit the Council to raise a loan from Provincial funds, the liquidation of which is guaranteed by the Samasthanam as shown in the letter No. 271 of 26th June 1899 of the Collector and Guardian;

(3) to sanction the levy of water-tax on buildings and lands within the Municipality and to allow the Council to exempt the tax on Samasthanam buildings;

(4) to advance the sum of Rs. 10,500 required for the excavation of the trench for the infiltration gallery;

(5) to order the acquisition of the land required for the gallery, if necessary.

12. The Municipal Council wishes to take up the work at once and would like to see that the work is actually commenced during the next winter, a favourable season for earthworks. Meanwhile the necessary preliminaries may be adopted.

13. The delay in replying to the above proceedings was due to the fact that Her Highness the Maharani Sahiba was absent from the place, and nothing could be settled until Her Highness' return to Vizianagram. I therefore most earnestly beg that the Government will be pleased to pass early orders on the subject so that the work may be taken up before long.

The plans, estimates and other papers connected with the subject are herewith returned as directed.

Enclosures.

Letter—from H. F. W. Gillman, Esq., I.C.S., Collector and Guardian, Vizianagram.
To—the Chairman, Municipal Council, Vizianagram.
Dated—the 26th June 1899.
No.—271-A /Rev.

In reply to your letter No. 314 of 23rd March 1899, I have the honour to state that subject to the condition that all the estate buildings in this Municipality will permanently be exempted from payment of water-taxes, I am prepared to recommend to Government that the estate should pay interest on half the cost of the water-supply scheme to this town, not exceeding one and half lakhs of rupees, for such a term of years as the Government may be pleased to fix for the liquidation of the principal and interest of such loan, by annual payments made by the Samasthanam to the Municipality.

In such an arrangement, the Municipality will borrow the amount from Government and the estate will guarantee liquidation of this amount on the terms above named.

2. I may add that Her Highness the Maharani of Vizianagram has been pleased to approve of this arrangement, which is in conformity with the wishes of her late lamented son.

3. You will, of course, understand that the offer now made is subject to the sanction of Government. I shall be glad if you will lay the matter before the Municipal Council and forward me its resolution. If the offer is found acceptable, I shall address Government and obtain its orders in regard to the proposal.

Extract from the Proceedings of the Municipal Council, Vizianagram, dated 12th August 1899.

* * * * *

Read Proceedings of the Madras Government, dated 16th December 1898, Mis. No. 2170 M.

Read letter from the Collector and Guardian of the Vizianagram Samasthanam, dated the 26th June last, No. 271-A, stating that he is prepared to recommend to Government that the estate should pay interest on half the cost of water-supply scheme to the town, not exceeding one and half lakhs of rupees, for such term of years as the Government may be pleased to fix for the liquidation of the principal and interest, subject to the condition that all the estate buildings in the Municipality will permanently be exempted from payment of water-taxes and requesting the Council to forward its resolution on the subject.

Resolution No. 1.—The Council unanimously resolves to gratefully accept the liberal offer of the Collector and Guardian of the Vizianagram Samasthanam to liquidate the loan of half the cost of the water scheme not exceeding a lakh and a half rupees subject to the conditions specified in his letter. The Council thinks that with this offer as well as the equally liberal offer of the Government to contribute a moiety of the estimated cost and advance the balance from Provincial funds it will be in a position to undertake the scheme and proposes to levy, with the sanction of Government, a water-tax at 8 per cent. on the estimated annual rent value of buildings other than those belonging to the Samasthanam, so as to meet the pumping and other charges to as much an extent as possible. Resolved further that the Council do place on record its deep sense of obligation and gratitude to the Government and Her Highness the Maharani of Vizianagram for their liberal offers.

* * * * *

Endt. on S.C. No. 1176, *dated* 29*th August* 1899.

Forwarded through the Collector, Vizagapatam.

If the offer of the Vizianagram Samasthanam is accepted, there should be no difficulty in financing the scheme.

W. W. Phillips,
Ag. Principal Assistant Collector.

Endt. on C. No. 2511, *dated* 31*st August* 1899.

Forwarded.

W. O. Horne,
Collector.

Order—No. 1652 M., dated 10th November 1899.

The Government does not consider that the Municipal Council of Vizianagram can undertake the scheme for the water-supply of the town recommended by the Sanitary Board, unless the Vizianagram estate contributes a moiety of the initial cost. The Government does not think it advisable that the Council should accept the contribution promised by the Maharani on the terms stated in the correspondence, and therefore the question of undertaking the work must be postponed until the Maharaja comes of age and is ready to give such assistance as may be needed for financing the scheme.

(True Extract.)

M. Hammick,
Ag. Secretary to Government.

To the Chairman, Municipal Council, Vizianagram.
" Collector of Vizagapatam.
" Sanitary Board.
" " Commissioner.
" " Engineer.

NOTES CONNECTED WITH G.O., No. 1652 M., DATED 10th NOVEMBER 1899.

[Subject.—*Vizianagram water-supply scheme.*]

From the Sanitary Board, dated 1st March 1899, *No.* 79-*S.*

From the Collector of Vizagapatam, dated 31st August 1899, *C. No.* 2511.

In G.O., No. 2170 M., dated 16th December 1898, the plans and estimates of a scheme for the water-supply of Vizianagram, prepared by the Sanitary, Engineer, were forwarded to the Municipal Council for remarks. The Council was also requested to ascertain and report whether the contribution of Rs. 1,50,000 promised by the late Maharaja of Vizianagram would be realized, and if this was not possible, to state how it proposed to finance the scheme on the understanding that the Government would contribute a moiety of the estimated cost and advance the balance at 4 per cent. interest repayable in twenty years.

2. With the first of the letters read above, the Chairman forwards a copy of a communication addressed to him by the Collector and Guardian of the Vizianagram Samasthanam, in which that officer states that he is prepared to recommend to Government that the estate should pay interest on half the cost of the water-supply scheme, not exceeding Rs. 1,50,000, for such term of years as the Government may be pleased to fix for the liquidation of the principal and interest of such loan, by annual payments made to the Municipality, subject to the condition that all the estate buildings in the town are permanently exempted from payment of the water-tax. The Council, in its resolution No. 1, dated 12th August 1899, has accepted the offer of the Collector and Guardian of the Samasthanam and states that with this help and the offer of Government to contribute a moiety of the initial cost and advance the balance from Provincial funds, it will be in a position to undertake the scheme and it proposes to levy, with the sanction of Government, a water and drainage tax of 8 per cent. on the annual value of buildings other than those belonging to the Samasthanam so as to meet the annual maintenance charges. The Chairman also reports that the Council approves of the scheme recommended by the Sanitary Board as being the best and the cheapest.

3. The cost of the scheme, as originally estimated by the Sanitary Engineer, was Rs. 2,82,000. In its resolution No. 556-S., dated 23rd September 1898, the Sanitary Board pointed out that the estimate did not provide for compensation for the lands required for the construction of the infiltration gallery and the service reservoir and for those situated above and below the infiltration gallery, which would be rendered unfit for cultivation by the construction of the water-works and it accordingly recommended that the estimate should be raised to Rs. 2,92,550. The Sanitary Board also suggested that the infiltration gallery should be first excavated at a cost of Rs. 10,500 and the yield tested during the dry months of the year and that, if the results were satisfactory, the estimate for the whole scheme could then be revised. The Municipal Council, while considering that the construction of the infiltration gallery is the important point in the whole scheme, expresses the hope that the experiment will prove the sufficiency of the supply having regard to the previous experience obtained by a daily record kept of the depth of water flowing over the weir board fixed on the upper anicut of the Oottaigedda successively for three months in the driest season of 1898, which produced satisfactory results. The Council further states that the annual cost of pumping is over-estimated,

In G.O., No. 2170 M., dated 16th December 1898.

considering the local rates of wages paid to persons employed on similar works and the price of full in the place, and may well be reduced to, say, Rs. 4,000, that the question of settling the compensation for the lands referred to need not be considered by Government until the scheme is found to stand the test of the supply into the infiltration gallery proposed to be dug and that the ground selected for digging the trench is not an arable land but one of gravel and small stones, the acquisition of which will not be difficult should its acquisition be at all necessary.

4. For the purpose of financing the scheme, the estimated initial cost may be taken as Rs. 2,92,550 or say, roughly, 3 lakhs, as the acquisition of the sites of the infiltration gallery and the service reservoir will sooner or later be necessary, and compensation must be paid for the damage done to cultivation in the lands adjoining the infiltration gallery. The Sanitary Board also says that the estimate needs revision. As regards the annual working charges of the scheme, the Sanitary Engineer's estimate, viz. Rs. 9,000, may be accepted, as the difference in the local rates of wages and in the price of fuel at Vizianagram is not likely to affect it to the extent represented by the Municipal Council. Now the Government has undertaken to contribute from Provincial funds a moiety of the estimated initial cost and to lend the balance at 4 per cent. interest repayable in twenty years. The Collector and Guardian of the Vizianagram Samasthanam is willing to recommend to Government that the estate should guarantee the liquidation of this loan by paying to the Municipality every year interest on half the cost of the scheme not exceeding 1½ lakhs for such a term of years as the Government may fix for the liquidation of the loan, but he points out that any guarantee given by him with the approval of Her Highness the Maharani will not enure beyond the period of management. He however states that he is sure that the obligation is one that will not be repudiated by the future owner, that the risk may therefore be disregarded and that as the estate cannot afford to pay up half the cost of the scheme during the period of management, he is unable to propose any other arrangement. Under section 75 (2) of the District Municipalities Act, as amended, the Government can by notification exempt the buildings belonging to the Vizianagram estate from payment of the water-tax. It is however for consideration whether it will be advisable for the Municipal Council to launch on the water-supply scheme on the strength of the promise made by the Collector and Guardian; for it is doubtful whether such a promise, even if a formal agreement were executed by him, would be binding on the future owner of the estate. It has also to be noted that the Municipal Council will be unable to undertake the scheme without the help from the Vizianagram estate above referred to. The annual payment on account of the loan of 1½ lakhs to be advanced by Government repayable in twenty years with interest at 4 per cent. is Rs. 11,040, which together with the annual working charges of Rs. 9,000, amounts to Rs. 20,040 in the aggregate, while the only additional revenue which can be raised by the Municipal Council is Rs. 13,302 (Rupees 1,478, * by raising the rate of the tax on buildings and lands from 7½ to 8½ per cent. of their annual value, and Rs. 11,824 † by imposing a water-tax of 8 per cent. on *all* buildings and lands in the town). If however the offer of a contibution from Vizianagram estate on the conditions specified is accepted, the Council will have no difficulty whatever in undertaking the scheme.

Vide paragraph 2 of G.O., No. 2170 M., dated 16th December 1898.

For a precedent, please see G.O., No. 1410 M., dated 12th August 1898.

	Rs.
* Net demand under the tax on buildings and lands in 1898–99 at 7½ per cent	11,086
Net demand under the tax on buildings and lands in 1898–99 at 8½ per cent.	12,564
Increase	1,478
† Water tax at 8 per cent.	11,824
Total ..	13,302

V. Raghava Charlu—27-10-99.

The scheme is impossible unless the Vizianagaram estate contributes interest and sinking fund for half the cost and the Government contribute the other half. The question then is whether it is advisable to trust to the promise of the Maharani on behalf of the estate to pay the sum every year. It is a large sum that will have to

be paid—over Rs. 11,000 per annum—and looking to the risk which will be run, it certainly does not seem advisable that Provincial funds should advance 1½ lakhs on no better security than a promise. The boy growing up if he turns out badly might throw over the contract at any time.

The Advocate-General might perhaps be able to suggest some way by which the estate can be bound, if not, unless Mr. Gillman can find the money in one or two instalments, it is submitted that the scheme should be dropped for the present and renewed when the boy comes of age.

M. Hammick—30-10-99.

The scheme cannot be undertaken on the terms proposed. It must be dropped until the Maharaja is of age and ready to give such assistance as may be needed for the finances.

A. T. A[rundel]—1-11-99.

[G.O., No. 1652 M., dated 10th November 1899.]

Government of Madras.

LOCAL AND MUNICIPAL DEPARTMENT.

MISCELLANEOUS.

Read. *Enclosures*

1899.

Regd. *Spare copies*

G.O., No. 1652 M., 10th November 1899.

N. P.

Water-supply.

Stating that the Government does not consider that the Municipal Council of Vizianagram can undertake the scheme for the — of the town unless the Vizianagram estate contributes a moiety of the cost and that the question of undertaking the work must be postponed until the Maharaja comes of age and is ready to give such assistance as may be needed for financing the

No. 1652 M., 10TH NOVEMBER 1899.

GOVERNMENT OF MADRAS.

LOCAL AND MUNICIPAL DEPARTMENT.

READ—the following papers :—

I

G.O., No. 2170 M., dated 16th December 1898.

II

Proceedings of the Sanitary Board, No. 79/S., dated 1st March 1899.

Read—the following paper :—

Note by the President, Sanitary Board.

In Proceedings of the Sanitary Board, No. 556/S., dated 23rd September 1898, an estimate amounting to Rs. 2,82,000 for the Vizianagram water-supply project, prepared by the Acting Sanitary Engineer, Mr. Russel, was submitted to Government for orders. The rates in the estimate were, Mr. Russel informs me, based on the Public Works Department schedule of the Vizagapatam division. This schedule has since been found by the Chief Engineer to be "manifestly inaccurate*." The rates are understood to be too low. It is impossible to say how much the rates will have to be increased until the schedule of rates has been revised by the local officers, but the information will be obtained as soon as practicable.

2. I, therefore, recommend that Government be apprised of this in the Local and Municipal Department, so that if the estimate be finally sanctioned in that department the sanction may be accorded subject to further scrutiny of the rates.

A. W. SMART, Col., R.E.,
Ag. President, Sanitary Board.

Vide G.O., No. 2310 W., dated 6th September 1898.

Resolution—No. 79/S., dated 1st March 1899.

The note of the President read above will be submitted to Government with reference to G.O., Mis. No. 2170 M., dated 16th December 1898.

(True Extract.)

R. PARSONS,
Secretary, Sanitary Board.

To the Secretary to Government, Local and Municipal Department,
with a copy of G.O., No. 2310 W., dated 6th September 1898.

III

Letter—from M.R.Ry. V. VENKATRAYA SASTRI Garu, Chairman, Municipal Council, Vizianagram.
To—the Secretary to Government, Local and Municipal Department (through the Revenue Divisional officer).
Dated—the 25th August 1899.
No.—513-C.

With reference to G.O., Mis. No. 2170 M., dated 16th December last, forwarding, for the Council's remarks, the plans and estimates and the Proceedings of the Sanitary Board in connection with the water-supply scheme to the town of Vizianagram, and requesting the Municipal Council to ascertain and report whether the contribution promised by the late Maharaja will now be realised, I have the honour to forward herewith copy of the Proceedings of the Municipal Council held on the 12th instant and the letter of the Collector and Guardian of the Vizianagram Samasthanam, dated 26th June 1899, No. 271, for the information and approval of the Government.

2. With reference to paragraph 1 of the order under reply, I beg to submit that the Council entirely agrees with the views of the Sanitary Board in selecting the Ootagedda scheme in preference to others for reasons stated by the Board in paragraph 3 of its proceedings, dated 23rd September 1898, No. 556/S.

3. The infiltration trench, which is estimated to cost Rs. 10,500, is proposed to be dug in order to test the nature of the yield. The Council considers that this is the vital point of the whole scheme and trusts it will prove that there will be a sufficient supply of water in all seasons of the year, regard being had to the previous experience obtained by a daily record kept of the depth of water flowing over the weir board fixed on the upper anicut of Ootagedda successively for three months in the driest season of 1898 which produced satisfactory results.

4. The average quantity required for the consumption of the towns-people taken at 15 gallons per head is estimated to be 6,00,000 gallons a day on a population of 40,000 souls. The daily average flow of the water thus gauged being (2″ × 24″) over the board, the yield may be estimated at 1,846,000 gallons a day which is above the required quantity.

5. The chemical analysis also shows that the water of the flowing river as well as that of wells dug in its bed is pure and fit for drinking purposes.

6. The annual cost of pumping is, in the opinion of the Council, rather overestimated taking into consideration the local rates of wages paid to persons employed on similar works and the price of fuel in the place. On an information obtained of the actual charges incurred by the Dindigul Municipality (population 20,000) for the maintenance of a pumping station where the cost did not exceed Rs. 1,836 or Rs. 1,900 a year, it cannot be estimated that it would cost here more than double that amount, viz., Rs. 3,800 or Rs. 4,000 in round numbers actually.

7. The question of settling the compensation need not engage the Government till the scheme is found to actually stand the test of the supply into the infiltration gallery proposed to be dug. The ground selected for the trench is not an arable land, but one of gravel and small stones the acquisition of which will not, in my opinion, be difficult if at all an acquisition is necessary.

8. With reference to paragraph 2 of the order, I beg to inform you that the Council considers the project to be the best in every way and the cheapest that it could think of, and hopes that the scheme will prove a success and relieve the public of the distress they have so long felt in the matter of a good supply of pure drinking water. In obedience to the Government Order and in accordance with the wishes of the Council, I negotiated with the Samasthanam authorities who have agreed to fulfil the promise so generously made by the late lamented Maharaja subject to the conditions laid down by the Collector and Guardian in his letter No. 271, dated 26th June last.

9. The Council most thankfully accepts the offer of Government to contribute half the cost of the scheme and feels equally thankful to Her Highness the Maharani Sahiba for the liberal offer now made, supported by the good advice of the Collector and Guardian, and requests that the Government will be pleased to approve the resolution of the Council in borrowing one and a half lakhs of rupees from the Samastanam

authorities under the conditions laid in the Collector and Guardian's letter above quoted, to be supplemented to a similar amount which the Government is pleased to make a grant of, towards the cost of the scheme.

10. In the event of Government sanctioning the loan which the Municipality proposes, the Council shall have to levy a water-rate at 8 per cent. on all buildings and lands within the Municipality other than those belonging to the Samastanam, in order to enable it to meet the cost of maintaining the works. The marginally-noted figures will give detailed information as to how the money thus raised will be spent. The amount which the Government may be pleased to advance will be liquidated with interest at 4 per cent. in 20 years by the Samasthanam on condition that its buildings are exempted from paying water-tax.

	Rs.
Average actual collections under tax on buildings and lands at 7½ per cent.	9,968
Estimated revenue collectable as water-rate at 8 per cent.	10,633
Deduct water-rate on Samasthaman buildings at 8 per cent.	3,200
Amount of water-rate available for expenses	7,433
Amount to be met from other sources ..	1,567
Amount required for the maintenance of pumping station annually	9,000

11. In conclusion, the Council most earnestly requests that the Government be pleased to sanction the proposals made for carrying out the scheme, viz.—

(1) to make a grant of half the cost of the water scheme;

(2) to permit the Council to raise a loan from Provincial funds, the liquidation of which is guaranteed by the Samasthanam as shown in the letter No. 271 of 26th June 1899 of the Collector and Guardian;

(3) to sanction the levy of water-tax on buildings and lands within the Municipality and to allow the Council to exempt the tax on Samasthanam buildings;

(4) to advance the sum of Rs. 10,500 required for the excavation of the trench for the infiltration gallery;

(5) to order the acquisition of the land required for the gallery, if necessary.

12. The Municipal Council wishes to take up the work at once and would like to see that the work is actually commenced during the next winter, a favourable season for earthworks. Meanwhile the necessary preliminaries may be adopted.

13. The delay in replying to the above proceedings was due to the fact that Her Highness the Maharani Sahiba was absent from the place, and nothing could be settled until Her Highness' return to Vizianagram. I therefore most earnestly beg that the Government will be pleased to pass early orders on the subject so that the work may be taken up before long.

The plans, estimates and other papers connected with the subject are herewith returned as directed.

Enclosures.

Letter—from H. F. W. Gillman, Esq., I.C.S., Collector and Guardian, Vizianagram.
To—the Chairman, Municipal Council, Vizianagram.
Dated—the 26th June 1899.
No.—271-A/Rev.

In reply to your letter No. 314 of 23rd March 1899, I have the honour to state that subject to the condition that all the estate buildings in this Municipality will permanently be exempted from payment of water-taxes, I am prepared to recommend to Government that the estate should pay interest on half the cost of the water-supply scheme to this town, not exceeding one and half lakhs of rupees, for such a term of years as the Government may be pleased to fix for the liquidation of the principal and interest of such loan, by annual payments made by the Samasthanam to the Municipality.

In such an arrangement, the Municipality will borrow the amount from Government and the estate will guarantee liquidation of this amount on the terms above named.

2. I may add that Her Highness the Maharani of Vizianagram has been pleased to approve of this arrangement, which is in conformity with the wishes of her late lamented son.

3. You will, of course, understand that the offer now made is subject to the sanction of Government. I shall be glad if you will lay the matter before the Municipal Council and forward me its resolution. If the offer is found acceptable, I shall address Government and obtain its orders in regard to the proposal.

Extract from the Proceedings of the Municipal Council, Vizianagram, dated 12th August 1899.

* * * * * *

Read Proceedings of the Madras Government, dated 16th December 1898, Mis. No. 2170 M.

Read letter from the Collector and Guardian of the Vizianagram Samasthanam, dated the 26th June last, No. 271-A, stating that he is prepared to recommend to Government that the estate should pay interest on half the cost of water-supply scheme to the town, not exceeding one and half lakhs of rupees, for such term of years as the Government may be pleased to fix for the liquidation of the principal and interest, subject to the condition that all the estate buildings in the Municipality will permanently be exempted from payment of water-taxes and requesting the Council to forward its resolution on the subject.

Resolution No. 1.—The Council unanimously resolves to gratefully accept the liberal offer of the Collector and Guardian of the Vizianagram Samasthanam to liquidate the loan of half the cost of the water scheme not exceeding a lakh and a half rupees subject to the conditions specified in his letter. The Council thinks that with this offer as well as the equally liberal offer of the Government to contribute a moiety of the estimated cost and advance the balance from Provincial funds it will be in a position to undertake the scheme and proposes to levy, with the sanction of Government, a water-tax at 8 per cent. on the estimated annual rent value of buildings other than those belonging to the Samasthanam, so as to meet the pumping and other charges to as much an extent as possible. Resolved further that the Council do place on record its deep sense of obligation and gratitude to the Government and Her Highness the Maharani of Vizianagram for their liberal offers.

* * * * * *

Endt. on S.C. No. 1176, *dated* 29*th August* 1899.

Forwarded through the Collector, Vizagapatam.

If the offer of the Vizianagram Samasthanam is accepted, there should be no difficulty in financing the scheme.

W. W. Phillips,
Ag. Principal Assistant Collector.

Endt. on C. No. 2511, *dated* 31*st August* 1899.

Forwarded.

W. O. Horne,
Collector.

Order—No. 1652 M., dated 10th November 1899.

The Government does not consider that the Municipal Council of Vizianagram can undertake the scheme for the water-supply of the town recommended by the Sanitary Board, unless the Vizianagram estate contributes a moiety of the initial cost. The Government does not think it advisable that the Council should accept the contribution promised by the Maharani on the terms stated in the correspondence, and therefore the question of undertaking the work must be postponed until the Maharaja comes of age and is ready to give such assistance as may be needed for financing the scheme.

(True Extract.)

M. Hammick,
Ag. Secretary to Government.

To the Chairman, Municipal Council, Vizianagram.
,, Collector of Vizagapatam.
,, Sanitary Board.
,, ,, Commissioner.
,, ,, Engineer.

NOTES CONNECTED WITH G.O., No. 1652 M., DATED 10TH NOVEMBER 1899.

[Subject.—*Vizianagram water-supply scheme.*]

From the Sanitary Board, dated 1st March 1899, *No.* 79-*S.*

From the Collector of Vizagapatam, dated 31st August 1899, *C. No.* 2511.

In G.O., No. 2170 M., dated 16th December 1898, the plans and estimates of a scheme for the water-supply of Vizianagram, prepared by the Sanitary, Engineer, were forwarded to the Municipal Council for remarks. The Council was also requested to ascertain and report whether the contribution of Rs. 1,50,000 promised by the late Maharaja of Vizianagram would be realized, and if this was not possible, to state how it proposed to finance the scheme on the understanding that the Government would contribute a moiety of the estimated cost and advance the balance at 4 per cent. interest repayable in twenty years.

2. With the first of the letters read above, the Chairman forwards a copy of a communication addressed to him by the Collector and Guardian of the Vizianagram Samasthanam, in which that officer states that he is prepared to recommend to Government that the estate should pay interest on half the cost of the water-supply scheme, not exceeding Rs. 1,50,000, for such term of years as the Government may be pleased to fix for the liquidation of the principal and interest of such loan, by annual payments made to the Municipality, subject to the condition that all the estate buildings in the town are permanently exempted from payment of the water-tax. The Council, in its resolution No. 1, dated 12th August 1899, has accepted the offer of the Collector and Guardian of the Samasthanam and states that with this help and the offer of Government to contribute a moiety of the initial cost and advance the balance from Provincial funds, it will be in a position to undertake the scheme and it proposes to levy, with the sanction of Government, a water and drainage tax of 8 per cent. on the annual value of buildings other than those belonging to the Samasthanam so as to meet the annual maintenance charges. The Chairman also reports that the Council approves of the scheme recommended by the Sanitary Board as being the best and the cheapest.

3. The cost of the scheme, as originally estimated by the Sanitary Engineer, was Rs. 2,82,000. In its resolution No. 556-S., dated 23rd September 1898, the Sanitary Board pointed out that the estimate did not provide for compensation for the lands required for the construction of the infiltration gallery and the service reservoir and for those situated above and below the infiltration gallery, which would be rendered unfit for cultivation by the construction of the water-works and it accordingly recommended that the estimate should be raised to Rs. 2,92,550. The Sanitary Board also suggested that the infiltration gallery should be first excavated at a cost of Rs. 10,500 and the yield tested during the dry months of the year and that, if the results were satisfactory, the estimate for the whole scheme could then be revised. The Municipal Council, while considering that the construction of the infiltration gallery is the important point in the whole scheme, expresses the hope that the experiment will prove the sufficiency of the supply having regard to the previous experience obtained by a daily record kept of the depth of water flowing over the weir board fixed on the upper anicut of the Oottaigedda successively for three months in the driest season of 1898, which produced satisfactory results. The Council further states that the annual cost of pumping is over-estimated,

In G.O., No. 2170 M., dated 16th December 1898.

Government of Madras.

LOCAL AND MUNICIPAL DEPARTMENT.

MISCELLANEOUS.

Read. — *Enclosures*

1899.

Regd. — *Spare copies*

G.O., No. 1652 M., 10th November 1899.

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* *Vide* G.O., No. 2310 W., dated 6th September 1898.

2. I, therefore, recommend that Government be apprised of this in the Local and Municipal Department, so that if the estimate be finally sanctioned in that department the sanction may be accorded subject to further scrutiny of the rates.

A. W. SMART, Col., R.E.,
Ag. President, Sanitary Board.

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(True Extract.)

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3. The infiltration trench, which is estimated to cost Rs. 10,500, is proposed to be dug in order to test the nature of the yield. The Council considers that this is the vital point of the whole scheme and trusts it will prove that there will be a sufficient supply of water in all seasons of the year, regard being had to the previous experience obtained by a daily record kept of the depth of water flowing over the weir board fixed on the upper anicut of Ootagedda successively for three months in the driest season of 1898 which produced satisfactory results.

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In such an arrangement, the Municipality will borrow the amount from Government and the estate will guarantee liquidation of this amount on the terms above named.

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Read Proceedings of the Madras Government, dated 16th December 1898, Mis. No. 2170 M.

Read letter from the Collector and Guardian of the Vizianagram Samasthanam, dated the 26th June last, No. 271-A, stating that he is prepared to recommend to Government that the estate should pay interest on half the cost of water-supply scheme to the town, not exceeding one and half lakhs of rupees, for such term of years as the Government may be pleased to fix for the liquidation of the principal and interest, subject to the condition that all the estate buildings in the Municipality will permanently be exempted from payment of water-taxes and requesting the Council to forward its resolution on the subject.

Resolution No. 1.—The Council unanimously resolves to gratefully accept the liberal offer of the Collector and Guardian of the Vizianagram Samasthanam to liquidate the loan of half the cost of the water scheme not exceeding a lakh and a half rupees subject to the conditions specified in his letter. The Council thinks that with this offer as well as the equally liberal offer of the Government to contribute a moiety of the estimated cost and advance the balance from Provincial funds it will be in a position to undertake the scheme and proposes to levy, with the sanction of Government, a water-tax at 8 per cent. on the estimated annual rent value of buildings other than those belonging to the Samasthanam, so as to meet the pumping and other charges to as much an extent as possible. Resolved further that the Council do place on record its deep sense of obligation and gratitude to the Government and Her Highness the Maharani of Vizianagram for their liberal offers.

* * * * *

Endt. on S.C. No. 1176, *dated* 29*th August* 1899.

Forwarded through the Collector, Vizagapatam.

If the offer of the Vizianagram Samasthanam is accepted, there should be no difficulty in financing the scheme.

W. W. Phillips,
Ag. Principal Assistant Collector.

Endt. on C. No. 2511, *dated* 31*st August* 1899.

Forwarded.

W. O. Horne,
Collector.

Order—No. 1652 M., dated 10th November 1899.

The Government does not consider that the Municipal Council of Vizianagram can undertake the scheme for the water-supply of the town recommended by the Sanitary Board, unless the Vizianagram estate contributes a moiety of the initial cost. The Government does not think it advisable that the Council should accept the contribution promised by the Maharani on the terms stated in the correspondence, and therefore the question of undertaking the work must be postponed until the Maharaja comes of age and is ready to give such assistance as may be needed for financing the scheme.

(True Extract.)

M. Hammick,
Ag. Secretary to Government.

To the Chairman, Municipal Council, Vizianagram.
" Collector of Vizagapatam.
" Sanitary Board.
" " Commissioner.
" " Engineer.

NOTES CONNECTED WITH G.O., No. 1652 M., DATED 10TH NOVEMBER 1899.

[SUBJECT.—*Vizianagram water-supply scheme.*]

From the Sanitary Board, dated 1st March 1899, *No.* 79-*S.*

From the Collector of Vizagapatam, dated 31st August 1899, *C. No.* 2511.

In G.O., No. 2170 M., dated 16th December 1898, the plans and estimates of a scheme for the water-supply of Vizianagram, prepared by the Sanitary, Engineer, were forwarded to the Municipal Council for remarks. The Council was also requested to ascertain and report whether the contribution of Rs. 1,50,000 promised by the late Maharaja of Vizianagram would be realized, and if this was not possible, to state how it proposed to finance the scheme on the understanding that the Government would contribute a moiety of the estimated cost and advance the balance at 4 per cent. interest repayable in twenty years.

2. With the first of the letters read above, the Chairman forwards a copy of a communication addressed to him by the Collector and Guardian of the Vizianagram Samasthanam, in which that officer states that he is prepared to recommend to Government that the estate should pay interest on half the cost of the water-supply scheme, not exceeding Rs. 1,50,000, for such term of years as the Government may be pleased to fix for the liquidation of the principal and interest of such loan, by annual payments made to the Municipality, subject to the condition that all the estate buildings in the town are permanently exempted from payment of the water-tax. The Council, in its resolution No. 1, dated 12th August 1899, has accepted the offer of the Collector and Guardian of the Samasthanam and states that with this help and the offer of Government to contribute a moiety of the initial cost and advance the balance from Provincial funds, it will be in a position to undertake the scheme and it proposes to levy, with the sanction of Government, a water and drainage tax of 8 per cent. on the annual value of buildings other than those belonging to the Samasthanam so as to meet the annual maintenance charges. The Chairman also reports that the Council approves of the scheme recommended by the Sanitary Board as being the best and the cheapest.

3. The cost of the scheme, as originally estimated by the Sanitary Engineer, was Rs. 2,82,000. In its resolution No. 556-S., dated 23rd September 1898, the Sanitary Board pointed out that the estimate did not provide for compensation for the lands required for the construction of the infiltration gallery and the service reservoir and for those situated above and below the infiltration gallery, which would be rendered unfit for cultivation by the construction of the water-works and it accordingly recommended that the estimate should be raised to Rs. 2,92,550. The Sanitary Board also suggested that the infiltration gallery should be first excavated at a cost of Rs. 10,500 and the yield tested during the dry months of the year and that, if the results were satisfactory, the estimate for the whole scheme could then be revised. The Municipal Council, while considering that the construction of the infiltration gallery is the important point in the whole scheme, expresses the hope that the experiment will prove the sufficiency of the supply having regard to the previous experience obtained by a daily record kept of the depth of water flowing over the weir board fixed on the upper anicut of the Oottaigedda successively for three months in the driest season of 1898, which produced satisfactory results. The Council further states that the annual cost of pumping is over-estimated,

In G.O., No. 2170 M., dated 16th December 1898.

considering the local rates of wages paid to persons employed on similar works and the price of full in the place, and may well be reduced to, say, Rs. 4,000, that the question of settling the compensation for the lands referred to need not be considered by Government until the scheme is found to stand the test of the supply into the infiltration gallery proposed to be dug and that the ground selected for digging the trench is not an arable land but one of gravel and small stones, the acquisition of which will not be difficult should its acquisition be at all necessary.

4. For the purpose of financing the scheme, the estimated initial cost may be taken as Rs. 2,92,550 or say, roughly, 3 lakhs, as the acquisition of the sites of the infiltration gallery and the service reservoir will sooner or later be necessary, and compensation must be paid for the damage done to cultivation in the lands adjoining the infiltration gallery. The Sanitary Board also says that the estimate needs revision. As regards the annual working charges of the scheme, the Sanitary Engineer's estimate, viz. Rs. 9,000, may be accepted, as the difference in the local rates of wages and in the price of fuel at Vizianagram is not likely to affect it to the extent represented by the Municipal Council. Now the Government has undertaken to contribute from Provincial funds a moiety of the estimated initial cost and to lend the balance at 4 per cent. interest repayable in twenty years. The Collector and Guardian of the Vizianagram Samasthanam is willing to recommend to Government that the estate should guarantee the liquidation of this loan by paying to the Municipality every year interest on half the cost of the scheme not exceeding 1½ lakhs for such a term of years as the Government may fix for the liquidation of the loan, but he points out that any guarantee given by him with the approval of Her Highness the Maharani will not enure beyond the period of management. He however states that he is sure that the obligation is one that will not be repudiated by the future owner, that the risk may therefore be disregarded and that as the estate cannot afford to pay up half the cost of the scheme during the period of management, he is unable to propose any other arrangement. Under section 75 (2) of the District Municipalities Act, as amended, the Government can by notification exempt the buildings belonging to the Vizianagram estate from payment of the water-tax. It is however for consideration whether it will be advisable for the Municipal Council to launch on the water-supply scheme on the strengh of the promise made by the Collector and Guardian; for it is doubtful whether such a promise, even if a formal agreement were executed by him, would be binding on the future owner of the estate. It has also to be noted that the Municipal Council will be unable to undertake the scheme without the help from the Vizianagram estate above referred to. The annual payment on account of the loan of 1½ lakhs to be advanced by Government repayable in twenty years with interest at 4 per cent. is Rs. 11,040, which together with the annual working charges of Rs. 9,000, amounts to Rs. 20,040 in the aggregate, while the only additional revenue which can be raised by the Municipal Council is Rs. 13,302 (Rupees 1,478, * by raising the rate of the tax on buildings and lands from 7½ to 8½ per cent. of their annual value, and Rs. 11,824 † by imposing a water-tax of 8 per cent. on *all* buildings and lands in the town). If however the offer of a contibution from Vizianagram estate on the conditions specified is accepted, the Council will have no difficulty whatever in undertaking the scheme.

Vide paragraph 2 of G.O., No. 2170 M., dated 10th December 1898.

For a precedent, please see G.O., No. 1110 M., dated 12th August 1898.

	Rs.
* Net demand under the tax on buildings and lands in 1898–99 at 7½ per cent	11,086
Net demand under the tax on buildings and lands in 1898–99 at 8½ per cent.	12,564
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Total ..	13,302

V. Raghava Charlu—27-10-99.

The scheme is impossible unless the Vizianagaram estate contributes interest and sinking fund for half the cost and the Government contribute the other half. The question then is whether it is advisable to trust to the promise of the Maharani on behalf of the estate to pay the sum every year. It is a large sum that will have to

be paid—over Rs. 11,000 per annum—and looking to the risk which will be run, it certainly does not seem advisable that Provincial funds should advance 1½ lakhs on no better security than a promise. The boy growing up if he turns out badly might throw over the contract at any time.

The Advocate-General might perhaps be able to suggest some way by which the estate can be bound, if not, unless Mr. Gillman can find the money in one or two instalments, it is submitted that the scheme should be dropped for the present and renewed when the boy comes of age.

M. Hammick—30-10-99.

The scheme cannot be undertaken on the terms proposed. It must be dropped until the Maharaja is of age and ready to give such assistance as may be needed for the finances.

A. T. A[rundel]—1-11-99.

[G.O., No. 1652 M., dated 10th November 1899.]

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Government of Madras.

LOCAL AND MUNICIPAL DEPARTMENT.

MISCELLANEOUS.

Read.	1899.	*Enclosures*
Regd.		*Spare copies*

G.O., No. 1652 M., 10th November 1899.

N. P.

Water-supply.

Stating that the Government does not consider that the Municipal Council of Vizianagram can undertake the scheme for the — of the town unless the Vizianagram estate contributes a moiety of the cost and that the question of undertaking the work must be postponed until the Maharaja comes of age and is ready to give such assistance as may be needed for financing the scheme.

GOVERNMENT OF MADRAS.

LOCAL AND MUNICIPAL DEPARTMENT.

READ—the following papers :—

I

G.O., No. 2170 M., dated 16th December 1898.

II

Proceedings of the Sanitary Board, No. 79/S., dated 1st March 1899.

Read—the following paper :—

Note by the President, Sanitary Board.

In Proceedings of the Sanitary Board, No. 556/S., dated 23rd September 1898, an estimate amounting to Rs. 2,82,000 for the Vizianagram water-supply project, prepared by the Acting Sanitary Engineer, Mr. Russel, was submitted to Government for orders. The rates in the estimate were, Mr. Russel informs me, based on the Public Works Department schedule of the Vizagapatam division. This schedule has since been found by the Chief Engineer to be "manifestly inaccurate*." The rates are understood to be too low. It is impossible to say how much the rates will have to be increased until the schedule of rates has been revised by the local officers, but the information will be obtained as soon as practicable.

2. I, therefore, recommend that Government be apprised of this in the Local and Municipal Department, so that if the estimate be finally sanctioned in that department the sanction may be accorded subject to further scrutiny of the rates.

A. W. SMART, Col., R.E.,
Ag. President, Sanitary Board.

Vide G.O., No. 2310 W., dated 6th September 1898.

Resolution—No. 79/S., dated 1st March 1899.

The note of the President read above will be submitted to Government with reference to G.O., Mis. No. 2170 M., dated 16th December 1898.

(True Extract.)

R. PARSONS,
Secretary, Sanitary Board.

To the Secretary to Government, Local and Municipal Department,
with a copy of G.O., No. 2310 W., dated 6th September 1898.

III

Letter—from M.R.Ry. V. VENKATRAYA SASTRI Garu, Chairman, Municipal Council, Vizianagram.
To—the Secretary to Government, Local and Municipal Department (through the Revenue Divisional officer).
Dated—the 25th August 1899.
No.—513-C.

With reference to G.O., Mis. No. 2170 M., dated 16th December last, forwarding, for the Council's remarks, the plans and estimates and the Proceedings of the Sanitary Board in connection with the water-supply scheme to the town of Vizianagram, and requesting the Municipal Council to ascertain and report whether the contribution promised by the late Maharaja will now be realised, I have the honour to forward herewith copy of the Proceedings of the Municipal Council held on the 12th instant and the letter of the Collector and Guardian of the Vizianagram Samasthanam, dated 26th June 1899, No. 271, for the information and approval of the Government.

2. With reference to paragraph 1 of the order under reply, I beg to submit that the Council entirely agrees with the views of the Sanitary Board in selecting the Ootagedda scheme in preference to others for reasons stated by the Board in paragraph 3 of its proceedings, dated 23rd September 1898, No. 556/S.

3. The infiltration trench, which is estimated to cost Rs. 10,500, is proposed to be dug in order to test the nature of the yield. The Council considers that this is the vital point of the whole scheme and trusts it will prove that there will be a sufficient supply of water in all seasons of the year, regard being had to the previous experience obtained by a daily record kept of the depth of water flowing over the weir board fixed on the upper anicut of Ootagedda successively for three months in the driest season of 1898 which produced satisfactory results.

4. The average quantity required for the consumption of the towns-people taken at 15 gallons per head is estimated to be 6,00,000 gallons a day on a population of 40,000 souls. The daily average flow of the water thus gauged being (2″ × 24″) over the board, the yield may be estimated at 1,846,000 gallons a day which is above the required quantity.

5. The chemical analysis also shows that the water of the flowing river as well as that of wells dug in its bed is pure and fit for drinking purposes.

6. The annual cost of pumping is, in the opinion of the Council, rather overestimated taking into consideration the local rates of wages paid to persons employed on similar works and the price of fuel in the place. On an information obtained of the actual charges incurred by the Dindigul Municipality (population 20,000) for the maintenance of a pumping station where the cost did not exceed Rs. 1,836 or Rs. 1,900 a year, it cannot be estimated that it would cost here more than double that amount, viz., Rs. 3,800 or Rs. 4,000 in round numbers actually.

7. The question of settling the compensation need not engage the Government till the scheme is found to actually stand the test of the supply into the infiltration gallery proposed to be dug. The ground selected for the trench is not an arable land, but one of gravel and small stones the acquisition of which will not, in my opinion, be difficult if at all an acquisition is necessary.

8. With reference to paragraph 2 of the order, I beg to inform you that the Council considers the project to be the best in every way and the cheapest that it could think of, and hopes that the scheme will prove a success and relieve the public of the distress they have so long felt in the matter of a good supply of pure drinking water. In obedience to the Government Order and in accordance with the wishes of the Council, I negotiated with the Samasthanam authorities who have agreed to fulfil the promise so generously made by the late lamented Maharaja subject to the conditions laid down by the Collector and Guardian in his letter No. 271, dated 26th June last.

9. The Council most thankfully accepts the offer of Government to contribute half the cost of the scheme and feels equally thankful to Her Highness the Maharani Sahiba for the liberal offer now made, supported b the good advice of the Collector and Guardian, and requests that the Government will be pleased to approve the resolution of the Council in borrowing one and a half lakhs of rupees from the Samastanam

NOTES CONNECTED WITH G.O., No. 1652 M., DATED 10TH NOVEMBER 1899.

[SUBJECT.—*Vizianagram water-supply scheme.*]

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2. With the first of the letters read above, the Chairman forwards a copy of a communication addressed to him by the Collector and Guardian of the Vizianagram Samasthanam, in which that officer states that he is prepared to recommend to Government that the estate should pay interest on half the cost of the water-supply scheme, not exceeding Rs. 1,50,000, for such term of years as the Government may be pleased to fix for the liquidation of the principal and interest of such loan, by annual payments made to the Municipality, subject to the condition that all the estate buildings in the town are permanently exempted from payment of the water-tax. The Council, in its resolution No. 1, dated 12th August 1899, has accepted the offer of the Collector and Guardian of the Samasthanam and states that with this help and the offer of Government to contribute a moiety of the initial cost and advance the balance from Provincial funds, it will be in a position to undertake the scheme and it proposes to levy, with the sanction of Government, a water and drainage tax of 8 per cent. on the annual value of buildings other than those belonging to the Samasthanam so as to meet the annual maintenance charges. The Chairman also reports that the Council approves of the scheme recommended by the Sanitary Board as being the best and the cheapest.

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Government of Madras.

LOCAL AND MUNICIPAL DEPARTMENT.

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9. The Council most thankfully accepts the offer of Government to contribute half the cost of the scheme and feels equally thankful to Her Highness the Maharani Sahiba for the liberal offer now made, supported by the good advice of the Collector and Guardian, and requests that the Government will be pleased to approve the resolution of the Council in borrowing one and a half lakhs of rupees from the Samastanam

authorities under the conditions laid in the Collector and Guardian's letter above quoted, to be supplemented to a similar amount which the Government is pleased to make a grant of, towards the cost of the scheme.

10. In the event of Government sanctioning the loan which the Municipality proposes, the Council shall have to levy a water-rate at 8 per cent. on all buildings and lands within the Municipality other than those belonging to the Samastanam, in order to enable it to meet the cost of maintaining the works. The marginally-noted figures will give detailed information as to how the money thus raised will be spent. The amount which the Government may be pleased to advance will be liquidated with interest at 4 per cent. in 20 years by the Samasthanam on condition that its buildings are exempted from paying water-tax.

	Rs.
Average actual collections under tax on buildings and lands at 7½ per cent.	9,968
Estimated revenue collectable as water-rate at 8 per cent.	10,633
Deduct water-rate on Samasthaman buildings at 8 per cent.	3,200
Amount of water-rate available for expenses ..	7,433
Amount to be met from other sources ..	1,567
Amount required for the maintenance of pumping station annually	9,000

11. In conclusion, the Council most earnestly requests that the Government be pleased to sanction the proposals made for carrying out the scheme, viz.—

(1) to make a grant of half the cost of the water scheme;

(2) to permit the Council to raise a loan from Provincial funds, the liquidation of which is guaranteed by the Samasthanam as shown in the letter No. 271 of 26th June 1899 of the Collector and Guardian;

(3) to sanction the levy of water-tax on buildings and lands within the Municipality and to allow the Council to exempt the tax on Samasthanam buildings;

(4) to advance the sum of Rs. 10,500 required for the excavation of the trench for the infiltration gallery;

(5) to order the acquisition of the land required for the gallery, if necessary.

12. The Municipal Council wishes to take up the work at once and would like to see that the work is actually commenced during the next winter, a favourable season for earthworks. Meanwhile the necessary preliminaries may be adopted.

13. The delay in replying to the above proceedings was due to the fact that Her Highness the Maharani Sahiba was absent from the place, and nothing could be settled until Her Highness' return to Vizianagram. I therefore most earnestly beg that the Government will be pleased to pass early orders on the subject so that the work may be taken up before long.

The plans, estimates and other papers connected with the subject are herewith returned as directed.

ENCLOSURES.

Letter—from H. F. W. GILLMAN, Esq., I.C.S., Collector and Guardian, Vizianagram.
To—the Chairman, Municipal Council, Vizianagram.
Dated—the 26th June 1899.
No.—271-A/Rev.

In reply to your letter No. 314 of 23rd March 1899, I have the honour to state that subject to the condition that all the estate buildings in this Municipality will permanently be exempted from payment of water-taxes, I am prepared to recommend to Government that the estate should pay interest on half the cost of the water-supply scheme to this town, not exceeding one and half lakhs of rupees, for such a term of years as the Government may be pleased to fix for the liquidation of the principal and interest of such loan, by annual payments made by the Samasthanam to the Municipality.

In such an arrangement, the Municipality will borrow the amount from Government and the estate will guarantee liquidation of this amount on the terms above named.

2. I may add that Her Highness the Maharani of Vizianagram has been pleased to approve of this arrangement, which is in conformity with the wishes of her late lamented son.

3. You will, of course, understand that the offer now made is subject to the sanction of Government. I shall be glad if you will lay the matter before the Municipal Council and forward me its resolution. If the offer is found acceptable, I shall address Government and obtain its orders in regard to the proposal.

Extract from the Proceedings of the Municipal Council, Vizianagram, dated 12th August 1899.

* * * * *

Read Proceedings of the Madras Government, dated 16th December 1898, Mis. No. 2170 M.

Read letter from the Collector and Guardian of the Vizianagram Samasthanam, dated the 26th June last, No. 271-A, stating that he is prepared to recommend to Government that the estate should pay interest on half the cost of water-supply scheme to the town, not exceeding one and half lakhs of rupees, for such term of years as the Government may be pleased to fix for the liquidation of the principal and interest, subject to the condition that all the estate buildings in the Municipality will permanently be exempted from payment of water-taxes and requesting the Council to forward its resolution on the subject.

Resolution No. 1.—The Council unanimously resolves to gratefully accept the liberal offer of the Collector and Guardian of the Vizianagram Samasthanam to liquidate the loan of half the cost of the water scheme not exceeding a lakh and a half rupees subject to the conditions specified in his letter. The Council thinks that with this offer as well as the equally liberal offer of the Government to contribute a moiety of the estimated cost and advance the balance from Provincial funds it will be in a position to undertake the scheme and proposes to levy, with the sanction of Government, a water-tax at 8 per cent. on the estimated annual rent value of buildings other than those belonging to the Samasthanam, so as to meet the pumping and other charges to as much an extent as possible. Resolved further that the Council do place on record its deep sense of obligation and gratitude to the Government and Her Highness the Maharani of Vizianagram for their liberal offers.

* * * * *

Endt. on S.C. No. 1176, *dated 29th August* 1899.

Forwarded through the Collector, Vizagapatam.

If the offer of the Vizianagram Samasthanam is accepted, there should be no difficulty in financing the scheme.

W. W. PHILLIPS,
Ag. Principal Assistant Collector.

Endt. on C. No. 2511, *dated 31st August* 1899.

Forwarded.

W. O. HORNE,
Collector.

Order—No. 1652 M., dated 10th November 1899.

The Government does not consider that the Municipal Council of Vizianagram can undertake the scheme for the water-supply of the town recommended by the Sanitary Board, unless the Vizianagram estate contributes a moiety of the initial cost. The Government does not think it advisable that the Council should accept the contribution promised by the Maharani on the terms stated in the correspondence, and therefore the question of undertaking the work must be postponed until the Maharaja comes of age and is ready to give such assistance as may be needed for financing the scheme.

(True Extract.)

M. HAMMICK,
Ag. Secretary to Government.

To the Chairman, Municipal Council, Vizianagram.
" Collector of Vizagapatam.
" Sanitary Board.
" " Commissioner.
" " Engineer.

NOTES CONNECTED WITH G.O., No. 1652 M., DATED 10th NOVEMBER 1899.

[Subject.—*Vizianagram water-supply scheme.*]

From the Sanitary Board, dated 1st March 1899, No. 79-S.

From the Collector of Vizagapatam, dated 31st August 1899, C. No. 2511.

In G.O., No. 2170 M., dated 16th December 1898, the plans and estimates of a scheme for the water-supply of Vizianagram, prepared by the Sanitary Engineer, were forwarded to the Municipal Council for remarks. The Council was also requested to ascertain and report whether the contribution of Rs. 1,50,000 promised by the late Maharaja of Vizianagram would be realized, and if this was not possible, to state how it proposed to finance the scheme on the understanding that the Government would contribute a moiety of the estimated cost and advance the balance at 4 per cent. interest repayable in twenty years.

2. With the first of the letters read above, the Chairman forwards a copy of a communication addressed to him by the Collector and Guardian of the Vizianagram Samasthanam, in which that officer states that he is prepared to recommend to Government that the estate should pay interest on half the cost of the water-supply scheme, not exceeding Rs. 1,50,000, for such term of years as the Government may be pleased to fix for the liquidation of the principal and interest of such loan, by annual payments made to the Municipality, subject to the condition that all the estate buildings in the town are permanently exempted from payment of the water-tax. The Council, in its resolution No. 1, dated 12th August 1899, has accepted the offer of the Collector and Guardian of the Samasthanam and states that with this help and the offer of Government to contribute a moiety of the initial cost and advance the balance from Provincial funds, it will be in a position to undertake the scheme and it proposes to levy, with the sanction of Government, a water and drainage tax of 8 per cent. on the annual value of buildings other than those belonging to the Samasthanam so as to meet the annual maintenance charges. The Chairman also reports that the Council approves of the scheme recommended by the Sanitary Board as being the best and the cheapest.

3. The cost of the scheme, as originally estimated by the Sanitary Engineer, was Rs. 2,82,000. In its resolution No. 556-S., dated 23rd September 1898, the Sanitary Board pointed out that the estimate did not provide for compensation for the lands required for the construction of the infiltration gallery and the service reservoir and for those situated above and below the infiltration gallery, which would be rendered unfit for cultivation by the construction of the water-works and it accordingly recommended that the estimate should be raised to Rs. 2,92,550. The Sanitary Board also suggested that the infiltration gallery should be first excavated at a cost of Rs. 10,500 and the yield tested during the dry months of the year and that, if the results were satisfactory, the estimate for the whole scheme could then be revised. The Municipal Council, while considering that the construction of the infiltration gallery is the important point in the whole scheme, expresses the hope that the experiment will prove the sufficiency of the supply having regard to the previous experience obtained by a daily record kept of the depth of water flowing over the weir board fixed on the upper anicut of the Oottaigedda successively for three months in the driest season of 1898, which produced satisfactory results. The Council further states that the annual cost of pumping is over-estimated,

In G.O., No. 2170 M., dated 16th December 1898.

considering the local rates of wages paid to persons employed on similar works and the price of full in the place, and may well be reduced to, say, Rs. 4.000, that the question of settling the compensation for the lands referred to need not be considered by Government until the scheme is found to stand the test of the supply into the infiltration gallery proposed to be dug and that the ground selected for digging the trench is not an arable land but one of gravel and small stones, the acquisition of which will not be difficult should its acquisition be at all necessary.

4. For the purpose of financing the scheme, the estimated initial cost may be taken as Rs. 2,92,550 or say, roughly, 3 lakhs, as the acquisition of the sites of the infiltration gallery and the service reservoir will sooner or later be necessary, and compensation must be paid for the damage done to cultivation in the lands adjoining the infiltration gallery. The Sanitary Board also says that the estimate needs revision. As regards the annual working charges of the scheme, the Sanitary Engineer's estimate, viz. Rs. 9,000, may be accepted, as the difference in the local rates of wages and in the price of fuel at Vizianagram is not likely to affect it to the extent represented by the Municipal Council. Now the Government has undertaken to contribute from Provincial funds a moiety of the estimated initial cost and to lend the balance at 4 per cent. interest repayable in twenty years. The Collector and Guardian of the Vizianagram Samasthanam is willing to recommend to Government that the estate should guarantee the liquidation of this loan by paying to the Municipality every year interest on half the cost of the scheme not exceeding 1½ lakhs for such a term of years as the Government may fix for the liquidation of the loan, but he points out that any guarantee given by him with the approval of Her Highness the Maharani will not enure beyond the period of management. He however states that he is sure that the obligation is one that will not be repudiated by the future owner, that the risk may therefore be disregarded and that as the estate cannot afford to pay up half the cost of the scheme during the period of management, he is unable to propose any other arrangement. Under section 75 (2) of the District Municipalities Act, as amended, the Government can by notification exempt the buildings belonging to the Vizianagram estate from payment of the water-tax. It is however for consideration whether it will be advisable for the Municipal Council to launch on the water-supply scheme on the strengh of the promise made by the Collector and Guardian; for it is doubtful whether such a promise, even if a formal agreement were executed by him, would be binding on the future owner of the estate. It has also to be noted that the Municipal Council will be unable to undertake the scheme without the help from the Vizianagram estate above referred to. The annual payment on account of the loan of 1½ lakhs to be advanced by Government repayable in twenty years with interest at 4 per cent. is Rs. 11,040, which together with the annual working charges of Rs. 9,000, amounts to Rs. 20,040 in the aggregate, while the only additional revenue which can be raised by the Municipal Council is Rs. 13,302 (Rupees 1,478, * by raising the rate of the tax on buildings and lands from 7½ to 8½ per cent. of their annual value, and Rs. 11,824 † by imposing a water-tax of 8 per cent. on *all* buildings and lands in the town). If however the offer of a contibution from Vizianagram estate on the conditions specified is accepted, the Council will have no difficulty whatever in undertaking the scheme.

Vide paragraph 2 of G.O., No. 2170 M., dated 16th December 1898.

For a precedent, please see G.O., No. 1110 M., dated 12th August 1898.

	Rs.
* Net demand under the tax on buildings and lands in 1898–99 at 7½ per cent	11,086
Net demand under the tax on buildings and lands in 1898–99 at 8½ per cent.	12,564
Increase	1,478
† Water tax at 8 per cent.	11,824
Total ..	13,302

V. Raghava Charlu—27-10-99.

The scheme is impossible unless the Vizianagaram estate contributes interest and sinking fund for half the cost and the Government contribute the other half. The question then is whether it is advisable to trust to the promise of the Maharani on behalf of the estate to pay the sum every year. It is a large sum that will have to

be paid—over Rs. 11,000 per annum—and looking to the risk which will be run, it certainly does not seem advisable that Provincial funds should advance 1½ lakhs on no better security than a promise. The boy growing up if he turns out badly might throw over the contract at any time.

The Advocate-General might perhaps be able to suggest some way by which the estate can be bound, if not, unless Mr. Gillman can find the money in one or two instalments, it is submitted that the scheme should be dropped for the present and renewed when the boy comes of age.

M. Hammick—30-10-99.

The scheme cannot be undertaken on the terms proposed. It must be dropped until the Maharaja is of age and ready to give such assistance as may be needed for the finances.

A. T. A[rundel]—1-11-99.

[G.O., No. 1652 M., dated 10th November 1899.]

Government of Madras.

LOCAL AND MUNICIPAL DEPARTMENT.

MISCELLANEOUS.

Recd. } 1899. *Enclosures*

Regd. } 1899. *Spare copies*

G.O., No. 1652 M., 10th November 1899.

N. P.

Water-supply.

Stating that the Government does not consider that the Municipal Council of Vizianagram can undertake the scheme for the — of the town unless the Vizianagram estate contributes a moiety of the cost and that the question of undertaking the work must be postponed until the Maharaja comes of age and is ready to give such assistance as may be needed for financing the scheme.

GOVERNMENT OF MADRAS.

LOCAL AND MUNICIPAL DEPARTMENT.

READ—the following papers :—

I

G.O., No. 2170 M., dated 16th December 1898.

II

Proceedings of the Sanitary Board, No. 79/S., dated 1st March 1899.

Read—the following paper :—

Note by the President, Sanitary Board.

In Proceedings of the Sanitary Board, No. 556/S., dated 23rd September 1898, an estimate amounting to Rs. 2,82,000 for the Vizianagram water-supply project, prepared by the Acting Sanitary Engineer, Mr. Russel, was submitted to Government for orders. The rates in the estimate were, Mr. Russel informs me, based on the Public Works Department schedule of the Vizagapatam division. This schedule has since been found by the Chief Engineer to be "manifestly inaccurate*." The rates are understood to be too low. It is impossible to say how much the rates will have to be increased until the schedule of rates has been revised by the local officers, but the information will be obtained as soon as practicable.

2. I, therefore, recommend that Government be apprised of this in the Local and Municipal Department, so that if the estimate be finally sanctioned in that department the sanction may be accorded subject to further scrutiny of the rates.

A. W. SMART, Col., R.E.,
Ag. President, Sanitary Board.

* *Vide* G.O., No. 2310 W., dated 6th September 1898.

Resolution—No. 79/S., dated 1st March 1899.

The note of the President read above will be submitted to Government with reference to G.O., Mis. No. 2170 M., dated 16th December 1898.

(True Extract.)

R. PARSONS,
Secretary, Sanitary Board.

To the Secretary to Government, Local and Municipal Department,
with a copy of G.O., No. 2310 W., dated 6th September 1898.

III

Letter—from M.R.Ry. V. VENKATRAYA SASTRI Garu, Chairman, Municipal Council, Vizianagram.
To—the Secretary to Government, Local and Municipal Department (through the Revenue Divisional officer).
Dated—the 25th August 1899.
No.—513-C.

With reference to G.O., Mis. No. 2170 M., dated 16th December last, forwarding, for the Council's remarks, the plans and estimates and the Proceedings of the Sanitary Board in connection with the water-supply scheme to the town of Vizianagram, and requesting the Municipal Council to ascertain and report whether the contribution promised by the late Maharaja will now be realised, I have the honour to forward herewith copy of the Proceedings of the Municipal Council held on the 12th instant and the letter of the Collector and Guardian of the Vizianagram Samasthanam, dated 26th June 1899, No. 271, for the information and approval of the Government.

2. With reference to paragraph 1 of the order under reply, I beg to submit that the Council entirely agrees with the views of the Sanitary Board in selecting the Ootagedda scheme in preference to others for reasons stated by the Board in paragraph 3 of its proceedings, dated 23rd September 1898, No. 556/S.

3. The infiltration trench, which is estimated to cost Rs. 10,500, is proposed to be dug in order to test the nature of the yield. The Council considers that this is the vital point of the whole scheme and trusts it will prove that there will be a sufficient supply of water in all seasons of the year, regard being had to the previous experience obtained by a daily record kept of the depth of water flowing over the weir board fixed on the upper anicut of Ootagedda successively for three months in the driest season of 1898 which produced satisfactory results.

4. The average quantity required for the consumption of the towns-people taken at 15 gallons per head is estimated to be 6,00,000 gallons a day on a population of 40,000 souls. The daily average flow of the water thus gauged being (2″ × 24″) over the board, the yield may be estimated at 1,846,000 gallons a day which is above the required quantity.

5. The chemical analysis also shows that the water of the flowing river as well as that of wells dug in its bed is pure and fit for drinking purposes.

6. The annual cost of pumping is, in the opinion of the Council, rather overestimated taking into consideration the local rates of wages paid to persons employed on similar works and the price of fuel in the place. On an information obtained of the actual charges incurred by the Dindigul Municipality (population 20,000) for the maintenance of a pumping station where the cost did not exceed Rs. 1,836 or Rs. 1,900 a year, it cannot be estimated that it would cost here more than double that amount, viz., Rs. 3,800 or Rs. 4,000 in round numbers actually.

7. The question of settling the compensation need not engage the Government till the scheme is found to actually stand the test of the supply into the infiltration gallery proposed to be dug. The ground selected for the trench is not an arable land, but one of gravel and small stones the acquisition of which will not, in my opinion, be difficult if at all an acquisition is necessary.

8. With reference to paragraph 2 of the order, I beg to inform you that the Council considers the project to be the best in every way and the cheapest that it could think of, and hopes that the scheme will prove a success and relieve the public of the distress they have so long felt in the matter of a good supply of pure drinking water. In obedience to the Government Order and in accordance with the wishes of the Council, I negotiated with the Samasthanam authorities who have agreed to fulfil the promise so generously made by the late lamented Maharaja subject to the conditions laid down by the Collector and Guardian in his letter No. 271, dated 26th June last.

9. The Council most thankfully accepts the offer of Government to contribute half the cost of the scheme and feels equally thankful to Her Highness the Maharani Sahiba for the liberal offer now made, supported by the good advice of the Collector and Guardian, and requests that the Government will be pleased to approve the resolution of the Council in borrowing one and a half lakhs of rupees from the Samastanam

NOTES CONNECTED WITH G.O., No. 1652 M., DATED 10TH NOVEMBER 1899.

[SUBJECT.—*Vizianagram water-supply scheme.*]

From the Sanitary Board, dated 1st March 1899, *No.* 79-*S.*

From the Collector of Vizagapatam, dated 31*st August* 1899, *C. No.* 2511.

In G.O., No. 2170 M., dated 16th December 1898, the plans and estimates of a scheme for the water-supply of Vizianagram, prepared by the Sanitary, Engineer, were forwarded to the Municipal Council for remarks. The Council was also requested to ascertain and report whether the contribution of Rs. 1,50,000 promised by the late Maharaja of Vizianagram would be realized, and if this was not possible, to state how it proposed to finance the scheme on the understanding that the Government would contribute a moiety of the estimated cost and advance the balance at 4 per cent. interest repayable in twenty years.

2. With the first of the letters read above, the Chairman forwards a copy of a communication addressed to him by the Collector and Guardian of the Vizianagram Samasthanam, in which that officer states that he is prepared to recommend to Government that the estate should pay interest on half the cost of the water-supply scheme, not exceeding Rs. 1,50,000, for such term of years as the Government may be pleased to fix for the liquidation of the principal and interest of such loan, by annual payments made to the Municipality, subject to the condition that all the estate buildings in the town are permanently exempted from payment of the water-tax. The Council, in its resolution No. 1, dated 12th August 1899, has accepted the offer of the Collector and Guardian of the Samasthanam and states that with this help and the offer of Government to contribute a moiety of the initial cost and advance the balance from Provincial funds, it will be in a position to undertake the scheme and it proposes to levy, with the sanction of Government, a water and drainage tax of 8 per cent. on the annual value of buildings other than those belonging to the Samasthanam so as to meet the annual maintenance charges. The Chairman also reports that the Council approves of the scheme recommended by the Sanitary Board as being the best and the cheapest.

3. The cost of the scheme, as originally estimated by the Sanitary Engineer, was Rs. 2,82,000. In its resolution No. 556-S., dated 23rd September 1898, the Sanitary Board pointed out that the estimate did not provide for compensation for the lands required for the construction of the infiltration gallery and the service reservoir and for those situated above and below the infiltration gallery, which would be rendered unfit for cultivation by the construction of the water-works and it accordingly recommended that the estimate should be raised to Rs. 2,92,550. The Sanitary Board also suggested that the infiltration gallery should be first excavated at a cost of Rs. 10,500 and the yield tested during the dry months of the year and that, if the results were satisfactory, the estimate for the whole scheme could then be revised. The Municipal Council, while considering that the construction of the infiltration gallery is the important point in the whole scheme, expresses the hope that the experiment will prove the sufficiency of the supply having regard to the previous experience obtained by a daily record kept of the depth of water flowing over the weir board fixed on the upper anicut of the Ootaigedda successively for three months in the driest season of 1898, which produced satisfactory results. The Council further states that the annual cost of pumping is over-estimated,

In G.O., No. 2170 M., dated 16th December 1898.

considering the local rates of wages paid to persons employed on similar works and the price of full in the place, and may well be reduced to, say, Rs. 4.000, that the question of settling the compensation for the lands referred to need not be considered by Government until the scheme is found to stand the test of the supply into the infiltration gallery proposed to be dug and that the ground selected for digging the trench is not an arable land but one of gravel and small stones, the acquisition of which will not be difficult should its acquisition be at all necessary.

4. For the purpose of financing the scheme, the estimated initial cost may be taken as Rs. 2,92,550 or say, roughly, 3 lakhs, as the acquisition of the sites of the infiltration gallery and the service reservoir will sooner or later be necessary, and compensation must be paid for the damage done to cultivation in the lands adjoining the infiltration gallery. The Sanitary Board also says that the estimate needs revision. As regards the annual working charges of the scheme, the Sanitary Engineer's estimate, viz. Rs. 9,000, may be accepted, as the difference in the local rates of wages and in the price of fuel at Vizianagram is not likely to affect it to the extent represented by the Municipal Council. Now the Government has undertaken to contribute from Provincial funds a moiety of the estimated initial cost and to lend the balance at 4 per cent. interest repayable in twenty years. The Collector and Guardian of the Vizianagram Samasthanam is willing to recommend to Government that the estate should guarantee the liquidation of this loan by paying to the Municipality every year interest on half the cost of the scheme not exceeding 1½ lakhs for such a term of years as the Government may fix for the liquidation of the loan, but he points out that any guarantee given by him with the approval of Her Highness the Maharani will not enure beyond the period of management. He however states that he is sure that the obligation is one that will not be repudiated by the future owner, that the risk may therefore be disregarded and that as the estate cannot afford to pay up half the cost of the scheme during the period of management, he is unable to propose any other arrangement. Under section 75 (2) of the District Municipalities Act, as amended, the Government can by notification exempt the buildings belonging to the Vizianagram estate from payment of the water-tax. It is however for consideration whether it will be advisable for the Municipal Council to launch on the water-supply scheme on the strengh of the promise made by the Collector and Guardian; for it is doubtful whether such a promise, even if a formal agreement were executed by him, would be binding on the future owner of the estate. It has also to be noted that the Municipal Council will be unable to undertake the scheme without the help from the Vizianagram estate above referred to. The annual payment on account of the loan of 1½ lakhs to be advanced by Government repayable in twenty years with interest at 4 per cent. is Rs. 11,040, which together with the annual working charges of Rs. 9,000, amounts to Rs. 20,040 in the aggregate, while the only additional revenue which can be raised by the Municipal Council is Rs. 13,302 (Rupees 1,478, * by raising the rate of the tax on buildings and lands from 7½ to 8½ per cent. of their annual value, and Rs. 11,824 † by imposing a water-tax of 8 per cent. on *all* buildings and lands in the town). If however the offer of a contibution from Vizianagram estate on the conditions specified is accepted, the Council will have no difficulty whatever in undertaking the scheme.

Vide paragraph 2 of G.O., No. 2170 M., dated 10th December 1898.

For a precedent, please see G.O., No. 1110 M., dated 12th August 1898.

	Rs.
* Net demand under the tax on buildings and lands in 1898–99 at 7½ per cent	11,086
Net demand under the tax on buildings and lands in 1898–99 at 8½ per cent.	12,564
Increase	1,478
† Water tax at 8 per cent.	11,824
Total ..	13,302

V. Raghava Charlu—27-10-99.

The scheme is impossible unless the Vizianagaram estate contributes interest and sinking fund for half the cost and the Government contribute the other half. The question then is whether it is advisable to trust to the promise of the Maharani on behalf of the estate to pay the sum every year. It is a large sum that will have to

be paid—over Rs. 11,000 per annum—and looking to the risk which will be run, it certainly does not seem advisable that Provincial funds should advance 1½ lakhs on no better security than a promise. The boy growing up if he turns out badly might throw over the contract at any time.

The Advocate-General might perhaps be able to suggest some way by which the estate can be bound, if not, unless Mr. Gillman can find the money in one or two instalments, it is submitted that the scheme should be dropped for the present and renewed when the boy comes of age.

M. Hammick—30-10-99.

The scheme cannot be undertaken on the terms proposed. It must be dropped until the Maharaja is of age and ready to give such assistance as may be needed for the finances.

A. T. A[rundel]—1-11-99.

[G.O., No. 1652 M., dated 10th November 1899.]

Government of Madras.

LOCAL AND MUNICIPAL DEPARTMENT.

MISCELLANEOUS.

Read. } 1899. *Enclosures*

Regd. } 1899. *Spare copies*

G.O., No. 1652 M., 10th November 1899.

N. P.

Water-supply.

Stating that the Go[illegible] nsider that the Municipal Council of Vizianagram can undertake [illegible] nless the Vizianagram estate contributes a moiety of i[illegible] work must be postponed until the Maharaja [illegible]ay be needed for financing the scheme.

GOVERNMENT OF MADRAS.

LOCAL AND MUNICIPAL DEPARTMENT.

READ—the following papers :—

I

G.O., No. 2170 M., dated 16th December 1898.

II

Proceedings of the Sanitary Board, No. 79/S., dated 1st March 1899.

Read—the following paper :—

Note by the President, Sanitary Board.

In Proceedings of the Sanitary Board, No. 556/S., dated 23rd September 1898, an estimate amounting to Rs. 2,82,000 for the Vizianagram water-supply project, prepared by the Acting Sanitary Engineer, Mr. Russel, was submitted to Government for orders. The rates in the estimate were, Mr. Russel informs me, based on the Public Works Department schedule of the Vizagapatam division. This schedule has since been found by the Chief Engineer to be "manifestly inaccurate*." The rates are understood to be too low. It is impossible to say how much the rates will have to be increased until the schedule of rates has been revised by the local officers, but the information will be obtained as soon as practicable.

* *Vide* G.O., No. 2310 W., dated 6th September 1898.

2. I, therefore, recommend that Government be apprised of this in the Local and Municipal Department, so that if the estimate be finally sanctioned in that department the sanction may be accorded subject to further scrutiny of the rates.

A. W. SMART, Col., R.E.,
Ag. President, Sanitary Board.

Resolution—No. 79/S., dated 1st March 1899.

The note of the President read above will be submitted to Government with reference to G.O., Mis. No. 2170 M., dated 16th December 1898.

(True Extract.)

R. PARSONS,
[illegible]ary, Sanitary Board.

To the Secretary to Government, Local and Municipal D[illegible]
with a copy of G.O., No. 2310

III

Letter—from M.R.Ry. V. VENKATRAYA SASTRI Garu, Chairman, Municipal Council, Vizianagram.
To—the Secretary to Government, Local and Municipal Department (through the Revenue Divisional officer).
Dated—the 25th August 1899.
No.—513-C.

With reference to G.O., Mis. No. 2170 M., dated 16th December last, forwarding, for the Council's remarks, the plans and estimates and the Proceedings of the Sanitary Board in connection with the water-supply scheme to the town of Vizianagram, and requesting the Municipal Council to ascertain and report whether the contribution promised by the late Maharaja will now be realised, I have the honour to forward herewith copy of the Proceedings of the Municipal Council held on the 12th instant and the letter of the Collector and Guardian of the Vizianagram Samasthanam, dated 26th June 1899, No. 271, for the information and approval of the Government.

2. With reference to paragraph 1 of the order under reply, I beg to submit that the Council entirely agrees with the views of the Sanitary Board in selecting the Ootagedda scheme in preference to others for reasons stated by the Board in paragraph 3 of its proceedings, dated 23rd September 1898, No. 556/S.

3. The infiltration trench, which is estimated to cost Rs. 10,500, is proposed to be dug in order to test the nature of the yield. The Council considers that this is the vital point of the whole scheme and trusts it will prove that there will be a sufficient supply of water in all seasons of the year, regard being had to the previous experience obtained by a daily record kept of the depth of water flowing over the weir board fixed on the upper anicut of Ootagedda successively for three months in the driest season of 1898 which produced satisfactory results.

4. The average quantity required for the consumption of the towns-people taken at 15 gallons per head is estimated to be 6,00,000 gallons a day on a population of 40,000 souls. The daily average flow of the water thus gauged being (2″ × 24″) over the board, the yield may be estimated at 1,846,000 gallons a day which is above the required quantity.

5. The chemical analysis also shows that the water of the flowing river as well as that of wells dug in its bed is pure and fit for drinking purposes.

6. The annual cost of pumping is, in the opinion of the Council, rather over-estimated taking into consideration the local rates of wages paid to persons employed on similar works and the price of fuel in the place. On an information obtained of the actual charges incurred by the Dindigul Municipality (population 20,000) for the maintenance of a pumping station where the cost did not exceed Rs. 1,836 or Rs. 1,900 a year, it cannot be estimated that it would cost here more than double that amount, viz., Rs. 3,800 or Rs. 4,000 in round numbers actually.

7. The question of settling the compensation need not engage the Government till the scheme is found to actually stand the test of the supply into the infiltration gallery proposed to be dug. The ground selected for the trench is not an arable land, but one of gravel and small stones the acquisition of which will not, in my opinion, be difficult if at all an acquisition is necessary.

8. With reference to paragraph 2 of the order, I beg to inform you that the Council considers the project to be the best in every way and the cheapest that it could think of, and hopes that the scheme will prove a success and relieve the public of the distress they have so long felt in the matter of a good supply of pure drinking water. In obedience to the Government Order and in accordance with the wishes of the Council, I negotiated with the Samasthanam authorities who have agreed to fulfil the promise so generously made by the late lamented Maharaja subject to the conditions laid down by the Collector and Guardian in his letter No. 271, dated 26th June last.

9. The Council most thankfully accepts the offer of Government to contribute half the cost of the scheme and feels equally thankful to Her Highness the Maharani Sahiba for the liberal of[illegible]pported by the good advice of the Collector and Guardian[illegible]ument will be pleased to approve the resolu[illegible]half lakhs of rupees from the Samastanam

NOTES CONNECTED WITH G.O., No. 1652 M., DATED 10th NOVEMBER 1899.

[Subject.—*Vizianagram water-supply scheme.*]

From the Sanitary Board, dated 1st March 1899, No. 79-S.

From the Collector of Vizagapatam, dated 31st August 1899, C. No. 2511.

In G.O., No. 2170 M., dated 16th December 1898, the plans and estimates of a scheme for the water-supply of Vizianagram, prepared by the Sanitary, Engineer, were forwarded to the Municipal Council for remarks. The Council was also requested to ascertain and report whether the contribution of Rs. 1,50,000 promised by the late Maharaja of Vizianagram would be realized, and if this was not possible, to state how it proposed to finance the scheme on the understanding that the Government would contribute a moiety of the estimated cost and advance the balance at 4 per cent. interest repayable in twenty years.

2. With the first of the letters read above, the Chairman forwards a copy of a communication addressed to him by the Collector and Guardian of the Vizianagram Samasthanam, in which that officer states that he is prepared to recommend to Government that the estate should pay interest on half the cost of the water-supply scheme, not exceeding Rs. 1,50,000, for such term of years as the Government may be pleased to fix for the liquidation of the principal and interest of such loan, by annual payments made to the Municipality, subject to the condition that all the estate buildings in the town are permanently exempted from payment of the water-tax. The Council, in its resolution No. 1, dated 12th August 1899, has accepted the offer of the Collector and Guardian of the Samasthanam and states that with this help and the offer of Government to contribute a moiety of the initial cost and advance the balance from Provincial funds, it will be in a position to undertake the scheme and it proposes to levy, with the sanction of Government, a water and drainage tax of 8 per cent. on the annual value of buildings other than those belonging to the Samasthanam so as to meet the annual maintenance charges. The Chairman also reports that the Council approves of the scheme recommended by the Sanitary Board as being the best and the cheapest.

3. The cost of the scheme, as originally estimated by the Sanitary Engineer, was Rs. 2,82,000. In its resolution No. 556-S., dated 23rd September 1898, the Sanitary Board pointed out that the estimate did not provide for compensation for the lands required for the construction of the infiltration gallery and the service reservoir and for those situated above and below the infiltration gallery, which would be rendered unfit for cultivation by the construction of the water-works and it accordingly recommended that the estimate should be raised to Rs. 2,92,550. The Sanitary Board also suggested that the infiltration gallery should be first excavated at a cost of Rs. 10,500 and the yield tested during the dry months of the year and that, if the results were satisfactory, the estimate for the whole scheme could then be revised. The Municipal Council, while considering that the construction of the infiltration gallery is the important point in the whole scheme, expresses the hope that the experiment will prove the sufficiency of the supply having regard to the previous experience obtained by a daily record kept of the depth of water flowing over the weir board fixed on the upper anicut of the Oottaigedda successively for three months in the driest season of 1898, which produced satisfactory results. The Council further states that the annual cost of pumping is over-estimated,

In G.O., No. 2170 M., dated 16th December 1898.

R. Parsons,
...ary, Sanitary Board.

Government of Madras.

LOCAL AND MUNICIPAL DEPARTMENT.

MISCELLANEOUS.

Read. *Regd.* } 1899. *Enclosures* *Spare copies*

G.O., No. 1652 M., 10th November 1899.

N. P.

Water-supply.

Stating that the Government does not consider that the Municipal Council of Vizianagram can undertake the scheme for the — of the town unless the Vizianagram estate contributes a moiety of the cost and that the question of undertaking the work must be postponed until the Maharaja comes of age and is ready to give such assistance as may be needed for financing the scheme.

GOVERNMENT OF MADRAS.

LOCAL AND MUNICIPAL DEPARTMENT.

Read—the following papers :—

I

G.O., No. 2170 M., dated 16th December 1898.

II

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Read—the following paper :—

Note by the President, Sanitary Board.

In Proceedings of the Sanitary Board, No. 556/S., dated 23rd September 1898, an estimate amounting to Rs. 2,82,000 for the Vizianagram water-supply project, prepared by the Acting Sanitary Engineer, Mr. Russel, was submitted to Government for orders. The rates in the estimate were, Mr. Russel informs me, based on the Public Works Department schedule of the Vizagapatam division. This schedule has since been found by the Chief Engineer to be "manifestly inaccurate*." The rates are understood to be too low. It is impossible to say how much the rates will have to be increased until the schedule of rates has been revised by the local officers, but the information will be obtained as soon as practicable.

* *Vide* G.O., No. 2310 W., dated 6th September 1898.

2. I, therefore, recommend that Government be apprised of this in the Local and Municipal Department, so that if the estimate be finally sanctioned in that department the sanction may be accorded subject to further scrutiny of the rates.

A. W. Smart, Col., R.E.,
Ag. President, Sanitary Board.

Resolution—No. 79/S., dated 1st March 1899.

The note of the President read above will be submitted to Government with reference to G.O., Mis. No. 2170 M., dated 16th December 1898.

(True Extract.)

R. Parsons,
Secretary, Sanitary Board.

To the Secretary to Government, Local and Municipal Department,
with a copy of G.O., No. 2310 W., dated 6th September 1898.

III

Letter—from M.R.Ry. V. Venkatraya Sastri Garu, Chairman, Municipal Council, Vizianagram.
To—the Secretary to Government, Local and Municipal Department (through the Revenue Divisional officer).
Dated—the 25th August 1899.
No.—513-C.

With reference to G.O., Mis. No. 2170 M., dated 16th December last, forwarding for the Council's remarks, the plans and estimates and the Proceedings of the Sanitary Board in connection with the water-supply scheme to the town of Vizianagram, and requesting the Municipal Council to ascertain and report whether the contribution promised by the late Maharaja will now be realised, I have the honour to forward herewith copy of the Proceedings of the Municipal Council held on the 12th instant and the letter of the Collector and Guardian of the Vizianagram Samasthanam, dated 26th June 1899, No. 271, for the information and approval of the Government.

2. With reference to paragraph 1 of the order under reply, I beg to submit that the Council entirely agrees with the views of the Sanitary Board in selecting the Ootagedda scheme in preference to others for reasons stated by the Board in paragraph 3 of its proceedings, dated 23rd September 1898, No. 556/S.

3. The infiltration trench, which is estimated to cost Rs. 10,500, is proposed to be dug in order to test the nature of the yield. The Council considers that this is the vital point of the whole scheme and trusts it will prove that there will be a sufficient supply of water in all seasons of the year, regard being had to the previous experience obtained by a daily record kept of the depth of water flowing over the weir board fixed on the upper anicut of Ootagedda successively for three months in the driest season of 1898 which produced satisfactory results.

4. The average quantity required for the consumption of the towns-people taken at 15 gallons per head is estimated to be 6,00,000 gallons a day on a population of 40,000 souls. The daily average flow of the water thus gauged being (2″ × 24″) over the board, the yield may be estimated at 1,846,000 gallons a day which is above the required quantity.

5. The chemical analysis also shows that the water of the flowing river as well as that of wells dug in its bed is pure and fit for drinking purposes.

6. The annual cost of pumping is, in the opinion of the Council, rather over-estimated taking into consideration the local rates of wages paid to persons employed on similar works and the price of fuel in the place. On an information obtained of the actual charges incurred by the Dindigul Municipality (population 20,000) for the maintenance of a pumping station where the cost did not exceed Rs. 1,836 or Rs. 1,900 a year, it cannot be estimated that it would cost here more than double that amount, viz., Rs. 3,800 or Rs. 4,000 in round numbers actually.

7. The question of settling the compensation need not engage the Government till the scheme is found to actually stand the test of the supply into the infiltration gallery proposed to be dug. The ground selected for the trench is not an arable land, but one of gravel and small stones the acquisition of which will not, in my opinion, be difficult if at all an acquisition is necessary.

8. With reference to paragraph 2 of the order, I beg to inform you that the Council considers the project to be the best in every way and the cheapest that it could think of, and hopes that the scheme will prove a success and relieve the public of the distress they have so long felt in the matter of a good supply of pure drinking water. In obedience to the Government Order and in accordance with the wishes of the Council, I negotiated with the Samasthanam authorities who have agreed to fulfil the promise so generously made by the late lamented Maharaja subject to the conditions laid down by the Collector and Guardian in his letter No. 271, dated 26th June last.

9. The Council most thankfully accepts the offer of Government to contribute half the cost of the scheme and feels equally thankful to Her Highness the Maharani Sahiba for the liberal offer now made, supported by the good advice of the Collector and Guardian, and requests that the Government will be pleased to approve the resolution of the Council in borrowing one and a half lakhs of rupees from the Samastanam

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2. I, therefore, recommend that Government be apprised of this in the Local and Municipal Department, so that if the estimate be finally sanctioned in that department the sanction may be accorded subject to further scrutiny of the rates.

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(True Extract.)

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Secretary, Sanitary Board.

To the Secretary to Government, Local and Municipal Department,
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3. The infiltration trench, which is estimated to cost Rs. 10,500, is proposed to be dug in order to test the nature of the yield. The Council considers that this is the vital point of the whole scheme and trusts it will prove that there will be a sufficient supply of water in all seasons of the year, regard being had to the previous experience obtained by a daily record kept of the depth of water flowing over the weir board fixed on the upper anicut of Ootagedda successively for three months in the driest season of 1898 which produced satisfactory results.

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8. With reference to paragraph 2 of the order, I beg to inform you that the Council considers the project to be the best in every way and the cheapest that it could think of, and hopes that the scheme will prove a success and relieve the public of the distress they have so long felt in the matter of a good supply of pure drinking water. In obedience to the Government Order and in accordance with the wishes of the Council, I negotiated with the Samasthanam authorities who have agreed to fulfil the promise so generously made by the late lamented Maharaja subject to the conditions laid down by the Collector and Guardian in his letter No. 271, dated 26th June last.

9. The Council most thankfully accepts the offer of Government to contribute half the cost of the scheme and feels equally thankful to Her Highness the Maharani Sahiba for the liberal offer now made, supported by the good advice of the Collector and Guardian, and requests that the Government will be pleased to approve the resolution of the Council in borrowing one and a half lakhs of rupees from the Samastanam

authorities under the conditions laid in the Collector and Guardian's letter above quoted, to be supplemented to a similar amount which the Government is pleased to make a grant of, towards the cost of the scheme.

10. In the event of Government sanctioning the loan which the Municipality proposes, the Council shall have to levy a water-rate at 8 per cent. on all buildings and lands within the Municipality other than those belonging to the Samastanam, in order to enable it to meet the cost of maintaining the works. The marginally-noted figures will give detailed information as to how the money thus raised will be spent. The amount which the Government may be pleased to advance will be liquidated with interest at 4 per cent. in 20 years by the Samasthanam on condition that its buildings are exempted from paying water-tax.

	Rs.
Average actual collections under tax on buildings and lands at 7½ per cent.	9,968
Estimated revenue collectable as water-rate at 8 per cent.	10,633
Deduct water-rate on Samasthaman buildings at 8 per cent.	3,200
Amount of water-rate available for expenses ..	7,433
Amount to be met from other sources ..	1,567
Amount required for the maintenance of pumping station annually	9,000

11. In conclusion, the Council most earnestly requests that the Government be pleased to sanction the proposals made for carrying out the scheme, viz.—

(1) to make a grant of half the cost of the water scheme;

(2) to permit the Council to raise a loan from Provincial funds, the liquidation of which is guaranteed by the Samasthanam as shown in the letter No. 271 of 26th June 1899 of the Collector and Guardian;

(3) to sanction the levy of water-tax on buildings and lands within the Municipality and to allow the Council to exempt the tax on Samasthanam buildings;

(4) to advance the sum of Rs. 10,500 required for the excavation of the trench for the infiltration gallery;

(5) to order the acquisition of the land required for the gallery, if necessary.

12. The Municipal Council wishes to take up the work at once and would like to see that the work is actually commenced during the next winter, a favourable season for earthworks. Meanwhile the necessary preliminaries may be adopted.

13. The delay in replying to the above proceedings was due to the fact that Her Highness the Maharani Sahiba was absent from the place, and nothing could be settled until Her Highness' return to Vizianagram. I therefore most earnestly beg that the Government will be pleased to pass early orders on the subject so that the work may be taken up before long.

The plans, estimates and other papers connected with the subject are herewith returned as directed.

Enclosures.

Letter—from H. F. W. Gillman, Esq., I.C.S., Collector and Guardian, Vizianagram.
To—the Chairman, Municipal Council, Vizianagram.
Dated—the 26th June 1899.
No.—271-A /Rev.

In reply to your letter No. 314 of 23rd March 1899, I have the honour to state that subject to the condition that all the estate buildings in this Municipality will permanently be exempted from payment of water-taxes, I am prepared to recommend to Government that the estate should pay interest on half the cost of the water-supply scheme to this town, not exceeding one and half lakhs of rupees, for such a term of years as the Government may be pleased to fix for the liquidation of the principal and interest of such loan, by annual payments made by the Samasthanam to the Municipality.

In such an arrangement, the Municipality will borrow the amount from Government and the estate will guarantee liquidation of this amount on the terms above named.

2. I may add that Her Highness the Maharani of Vizianagram has been pleased to approve of this arrangement, which is in conformity with the wishes of her late lamented son.

3. You will, of course, understand that the offer now made is subject to the sanction of Government. I shall be glad if you will lay the matter before the Municipal Council and forward me its resolution. If the offer is found acceptable, I shall address Government and obtain its orders in regard to the proposal.

Extract from the Proceedings of the Municipal Council, Vizianagram, dated 12th August 1899.

* * * * *

Read Proceedings of the Madras Government, dated 16th December 1898, Mis. No. 2170 M.

Read letter from the Collector and Guardian of the Vizianagram Samasthanam, dated the 26th June last, No. 271-A, stating that he is prepared to recommend to Government that the estate should pay interest on half the cost of water-supply scheme to the town, not exceeding one and half lakhs of rupees, for such term of years as the Government may be pleased to fix for the liquidation of the principal and interest, subject to the condition that all the estate buildings in the Municipality will permanently be exempted from payment of water-taxes and requesting the Council to forward its resolution on the subject.

Resolution No. 1.—The Council unanimously resolves to gratefully accept the liberal offer of the Collector and Guardian of the Vizianagram Samasthanam to liquidate the loan of half the cost of the water scheme not exceeding a lakh and a half rupees subject to the conditions specified in his letter. The Council thinks that with this offer as well as the equally liberal offer of the Government to contribute a moiety of the estimated cost and advance the balance from Provincial funds it will be in a position to undertake the scheme and proposes to levy, with the sanction of Government, a water-tax at 8 per cent. on the estimated annual rent value of buildings other than those belonging to the Samasthanam, so as to meet the pumping and other charges to as much an extent as possible. Resolved further that the Council do place on record its deep sense of obligation and gratitude to the Government and Her Highness the Maharani of Vizianagram for their liberal offers.

* * * * *

Endt. on S.C. No. 1176, *dated* 29*th August* 1899.

Forwarded through the Collector, Vizagapatam.

If the offer of the Vizianagram Samasthanam is accepted, there should be no difficulty in financing the scheme.

W. W. Phillips,
Ag. Principal Assistant Collector.

Endt. on C. No. 2511, *dated* 31*st August* 1899.

Forwarded.

W. O. Horne,
Collector.

Order—No. 1652 M., dated 10th November 1899.

The Government does not consider that the Municipal Council of Vizianagram can undertake the scheme for the water-supply of the town recommended by the Sanitary Board, unless the Vizianagram estate contributes a moiety of the initial cost. The Government does not think it advisable that the Council should accept the contribution promised by the Maharani on the terms stated in the correspondence, and therefore the question of undertaking the work must be postponed until the Maharaja comes of age and is ready to give such assistance as may be needed for financing the scheme.

(True Extract.)

M. Hammick,
Ag. Secretary to Government.

To the Chairman, Municipal Council, Vizianagram.
,, Collector of Vizagapatam.
,, Sanitary Board.
,, ,, Commissioner.
,, ,, Engineer.

NOTES CONNECTED WITH G.O., No. 1652 M., DATED 10TH NOVEMBER 1899.

[SUBJECT.—*Vizianagram water-supply scheme.*]

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2. With the first of the letters read above, the Chairman forwards a copy of a communication addressed to him by the Collector and Guardian of the Vizianagram Samasthanam, in which that officer states that he is prepared to recommend to Government that the estate should pay interest on half the cost of the water-supply scheme, not exceeding Rs. 1,50,000, for such term of years as the Government may be pleased to fix for the liquidation of the principal and interest of such loan, by annual payments made to the Municipality, subject to the condition that all the estate buildings in the town are permanently exempted from payment of the water-tax. The Council, in its resolution No. 1, dated 12th August 1899, has accepted the offer of the Collector and Guardian of the Samasthanam and states that with this help and the offer of Government to contribute a moiety of the initial cost and advance the balance from Provincial funds, it will be in a position to undertake the scheme and it proposes to levy, with the sanction of Government, a water and drainage tax of 8 per cent. on the annual value of buildings other than those belonging to the Samasthanam so as to meet the annual maintenance charges. The Chairman also reports that the Council approves of the scheme recommended by the Sanitary Board as being the best and the cheapest.

3. The cost of the scheme, as originally estimated by the Sanitary Engineer, In G.O., No. 2170 M., dated 16th December 1898. was Rs. 2,82,000. In its resolution No. 556-S., dated 23rd September 1898, the Sanitary Board pointed out that the estimate did not provide for compensation for the lands required for the construction of the infiltration gallery and the service reservoir and for those situated above and below the infiltration gallery, which would be rendered unfit for cultivation by the construction of the water-works and it accordingly recommended that the estimate should be raised to Rs. 2,92,550. The Sanitary Board also suggested that the infiltration gallery should be first excavated at a cost of Rs. 10,500 and the yield tested during the dry months of the year and that, if the results were satisfactory, the estimate for the whole scheme could then be revised. The Municipal Council, while considering that the construction of the infiltration gallery is the important point in the whole scheme, expresses the hope that the experiment will prove the sufficiency of the supply having regard to the previous experience obtained by a daily record kept of the depth of water flowing over the weir board fixed on the upper anicut of the Oottaigedda successively for three months in the driest season of 1898, which produced satisfactory results. The Council further states that the annual cost of pumping is over-estimated,

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Government of Madras.

LOCAL AND MUNICIPAL DEPARTMENT.

MISCELLANEOUS.

Read. — *Enclosures*

1899.

Regd. — *Spare copies*

G.O., No. 1652 M., 10th November 1899.

N. P.

Water-supply.

Stating that the Government does not consider that the Municipal Council of Vizianagram can undertake the scheme for the — of the town unless the Vizianagram estate contributes a moiety of the cost and that the question of undertaking the work must be postponed until the Maharaja comes of age and is ready to give such assistance as may be needed for financing the scheme.

GOVERNMENT OF MADRAS.

LOCAL AND MUNICIPAL DEPARTMENT.

READ—the following papers :—

I

G.O., No. 2170 M., dated 16th December 1898.

II

Proceedings of the Sanitary Board, No. 79/S., dated 1st March 1899.

Read—the following paper :—

Note by the President, Sanitary Board.

In Proceedings of the Sanitary Board, No. 556/S., dated 23rd September 1898, an estimate amounting to Rs. 2,82,000 for the Vizianagram water-supply project, prepared by the Acting Sanitary Engineer, Mr. Russel, was submitted to Government for orders. The rates in the estimate were, Mr. Russel informs me, based on the Public Works Department schedule of the Vizagapatam division. This schedule has since been found by the Chief Engineer to be "manifestly inaccurate*." The rates are understood to be too low. It is impossible to say how much the rates will have to be increased until the schedule of rates has been revised by the local officers, but the information will be obtained as soon as practicable.

* *Vide* G.O., No. 2310 W., dated 6th September 1898.

2. I, therefore, recommend that Government be apprised of this in the Local and Municipal Department, so that if the estimate be finally sanctioned in that department the sanction may be accorded subject to further scrutiny of the rates.

A. W. SMART, Col., R.E.,
Ag. President, Sanitary Board.

Resolution—No. 79/S., dated 1st March 1899.

The note of the President read above will be submitted to Government with reference to G.O., Mis. No. 2170 M., dated 16th December 1898.

(True Extract.)

R. PA[illegible]
Secretary, Sanitary Board.

To the Secretary to Government, Local and Municipal Department,
with a copy of G.O., No. 2310 W., dated 6th Septem[illegible]

III

Letter—from M.R.Ry. V. VENKATRAYA SASTRI Garu, Chairman, Municipal Council, Vizianagram.
To—the Secretary to Government, Local and Municipal Department (through the Revenue Divisional officer).
Dated—the 25th August 1899.
No.—513-C.

With reference to G.O., Mis. No. 2170 M., dated 16th December last, forwarding, for the Council's remarks, the plans and estimates and the Proceedings of the Sanitary Board in connection with the water-supply scheme to the town of Vizianagram, and requesting the Municipal Council to ascertain and report whether the contribution promised by the late Maharaja will now be realised, I have the honour to forward herewith copy of the Proceedings of the Municipal Council held on the 12th instant and the letter of the Collector and Guardian of the Vizianagram Samasthanam, dated 26th June 1899, No. 271, for the information and approval of the Government.

2. With reference to paragraph 1 of the order under reply, I beg to submit that the Council entirely agrees with the views of the Sanitary Board in selecting the Ootagedda scheme in preference to others for reasons stated by the Board in paragraph 3 of its proceedings, dated 23rd September 1898, No. 556/S.

3. The infiltration trench, which is estimated to cost Rs. 10,500, is proposed to be dug in order to test the nature of the yield. The Council considers that this is the vital point of the whole scheme and trusts it will prove that there will be a sufficient supply of water in all seasons of the year, regard being had to the previous experience obtained by a daily record kept of the depth of water flowing over the weir board fixed on the upper anicut of Ootagedda successively for three months in the driest season of 1898 which produced satisfactory results.

4. The average quantity required for the consumption of the towns-people taken at 15 gallons per head is estimated to be 6,00,000 gallons a day on a population of 40,000 souls. The daily average flow of the water thus gauged being (2″ × 24″) over the board, the yield may be estimated at 1,846,000 gallons a day which is above the required quantity.

5. The chemical analysis also shows that the water of the flowing river as well as that of wells dug in its bed is pure and fit for drinking purposes.

6. The annual cost of pumping is, in the opinion of the Council, rather overestimated taking into consideration the local rates of wages paid to persons employed on similar works and the price of fuel in the place. On an information obtained of the actual charges incurred by the Dindigul Municipality (population 20,000) for the maintenance of a pumping station where the cost did not exceed Rs. 1,836 or Rs. 1,900 a year, it cannot be estimated that it would cost here more than double that amount, viz., Rs. 3,800 or Rs. 4,000 in round numbers actually.

7. The question of settling the compensation need not engage the Government till the scheme is found to actually stand the test of the supply into the infiltration gallery proposed to be dug. The ground selected for the trench is not an arable land, but one of gravel and small stones the acquisition of which will not, in my opinion, be difficult if at all an acquisition is necessary.

8. With reference to paragraph 2 of the order, I beg to inform you that the Council considers the project to be the best in every way and the cheapest that it could think of, and hopes that the scheme will prove a success and relieve the public of the distress they have so long felt in the matter of a good supply of pure drinking water. In obedience to the Government Order and in accordance with the wishes of the Council, I negotiated with the Samasthanam authorities who have agreed to fulfil the promise so generously made by the late lamented Maharaja subject to the conditions laid down by the Collector and Guardian in his letter No. 271, dated 26th June last.

9. The Council most thankfully accepts the offer of Government to contribute half the cost of the scheme and feels equally thankful to Her Highness the Maharani Sahiba for the liberal offer now made, supported by the good advice of the Collector and Guardian, and requests that the Government will be pleased to approve the resolution of the Council in borrowing one and a half lakhs of rupees from the Samastanam

Government of Madras.

LOCAL AND MUNICIPAL DEPARTMENT.

MISCELLANEOUS.

Read. *Regd.* } 1899. *Enclosures* *Spare copies*

G.O., No. 1652 M., 10th November 1899.

N. P.

Water-supply.

Stating that the Government does not consider that the Municipal Council of Vizianagram can undertake the scheme for the — of the town unless the Vizianagram estate contributes a moiety of the cost and that the question of undertaking the work must be postponed until the Maharaja comes of age and is ready to give such assistance as may be needed for financing the scheme.

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* *Vide* G.O., No. 2310 W., dated 6th September 1898.

2. I, therefore, recommend that Government be apprised of this in the Local and Municipal Department, so that if the estimate be finally sanctioned in that department the sanction may be accorded subject to further scrutiny of the rates.

A. W. SMART, Col., R.E.,
Ag. President, Sanitary Board.

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The note of the President read above will be submitted to Government with reference to G.O., Mis. No. 2170 M., dated 16th December 1898.

(True Extract.)

R. PARSONS,
Secretary, Sanitary Board.

To the Secretary to Government, Local and Municipal Department,
with a copy of G.O., No. 2310 W., dated 6th September 1898.

III

Letter—from M.R.Ry. V. VENKATRAYA SASTRI Garu, Chairman, Municipal Council, Vizianagram.
To—the Secretary to Government, Local and Municipal Department (through the Revenue Divisional officer).
Dated—the 25th August 1899.
No.—513-C.

With reference to G.O., Mis. No. 2170 M., dated 16th December last, forwarding, for the Council's remarks, the plans and estimates and the Proceedings of the Sanitary Board in connection with the water-supply scheme to the town of Vizianagram, and requesting the Municipal Council to ascertain and report whether the contribution promised by the late Maharaja will now be realised, I have the honour to forward herewith copy of the Proceedings of the Municipal Council held on the 12th instant and the letter of the Collector and Guardian of the Vizianagram Samasthanam, dated 26th June 1899, No. 271, for the information and approval of the Government.

2. With reference to paragraph 1 of the order under reply, I beg to submit that the Council entirely agrees with the views of the Sanitary Board in selecting the Ootagedda scheme in preference to others for reasons stated by the Board in paragraph 3 of its proceedings, dated 23rd September 1898, No. 556/S.

3. The infiltration trench, which is estimated to cost Rs. 10,500, is proposed to be dug in order to test the nature of the yield. The Council considers that this is the vital point of the whole scheme and trusts it will prove that there will be a sufficient supply of water in all seasons of the year, regard being had to the previous experience obtained by a daily record kept of the depth of water flowing over the weir board fixed on the upper anicut of Ootagedda successively for three months in the driest season of 1898 which produced satisfactory results.

4. The average quantity required for the consumption of the towns-people taken at 15 gallons per head is estimated to be 6,00,000 gallons a day on a population of 40,000 souls. The daily average flow of the water thus gauged being (2″ × 24″) over the board, the yield may be estimated at 1,846,000 gallons a day which is above the required quantity.

5. The chemical analysis also shows that the water of the flowing river as well as that of wells dug in its bed is pure and fit for drinking purposes.

6. The annual cost of pumping is, in the opinion of the Council, rather overestimated taking into consideration the local rates of wages paid to persons employed on similar works and the price of fuel in the place. On an information obtained of the actual charges incurred by the Dindigul Municipality (population 20,000) for the maintenance of a pumping station where the cost did not exceed Rs. 1,836 or Rs. 1,900 a year, it cannot be estimated that it would cost here more than double that amount, viz., Rs. 3,800 or Rs. 4,000 in round numbers actually.

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9. The Council most thankfully accepts the offer of Government to contribute half the cost of the scheme and feels equally thankful to Her Highness the Maharani Sahiba for the liberal offer now made, supported by the good advice of the Collector and Guardian, and requests that the Government will be pleased to approve the resolution of the Council in borrowing one and a half lakhs of rupees from the Samastanam

authorities under the conditions laid in the Collector and Guardian's letter above quoted, to be supplemented to a similar amount which the Government is pleased to make a grant of, towards the cost of the scheme.

10. In the event of Government sanctioning the loan which the Municipality proposes, the Council shall have to levy a water-rate at 8 per cent. on all buildings and lands within the Municipality other than those belonging to the Samastanam, in order to enable it to meet the cost of maintaining the works. The marginally-noted figures will give detailed information as to how the money thus raised will be spent. The amount which the Government may be pleased to advance will be liquidated with interest at 4 per cent. in 20 years by the Samasthanam on condition that its buildings are exempted from paying water-tax.

	Rs.
Average actual collections under tax on buildings and lands at 7½ per cent.	9,968
Estimated revenue collectable as water-rate at 8 per cent.	10,633
Deduct water-rate on Samasthaman buildings at 8 per cent.	3,200
Amount of water-rate available for expenses ..	7,433
Amount to be met from other sources ..	1,567
Amount required for the maintenance of pumping station annually	9,000

11. In conclusion, the Council most earnestly requests that the Government be pleased to sanction the proposals made for carrying out the scheme, viz.—

(1) to make a grant of half the cost of the water scheme;

(2) to permit the Council to raise a loan from Provincial funds, the liquidation of which is guaranteed by the Samasthanam as shown in the letter No. 271 of 26th June 1899 of the Collector and Guardian;

(3) to sanction the levy of water-tax on buildings and lands within the Municipality and to allow the Council to exempt the tax on Samasthanam buildings;

(4) to advance the sum of Rs. 10,500 required for the excavation of the trench for the infiltration gallery;

(5) to order the acquisition of the land required for the gallery, if necessary.

12. The Municipal Council wishes to take up the work at once and would like to see that the work is actually commenced during the next winter, a favourable season for earthworks. Meanwhile the necessary preliminaries may be adopted.

13. The delay in replying to the above proceedings was due to the fact that Her Highness the Maharani Sahiba was absent from the place, and nothing could be settled until Her Highness' return to Vizianagram. I therefore most earnestly beg that the Government will be pleased to pass early orders on the subject so that the work may be taken up before long.

The plans, estimates and other papers connected with the subject are herewith returned as directed.

ENCLOSURES.

Letter—from H. F. W. GILLMAN, Esq., I.C.S., Collector and Guardian, Vizianagram.
To—the Chairman, Municipal Council, Vizianagram.
Dated—the 26th June 1899.
No.—271-A/Rev.

In reply to your letter No. 314 of 23rd March 1899, I have the honour to state that subject to the condition that all the estate buildings in this Municipality will permanently be exempted from payment of water-taxes, I am prepared to recommend to Government that the estate should pay interest on half the cost of the water-supply scheme to this town, not exceeding one and half lakhs of rupees, for such a term of years as the Government may be pleased to fix for the liquidation of the principal and interest of such loan, by annual payments made by the Samasthanam to the Municipality.

In such an arrangement, the Municipality will borrow the amount from Government and the estate will guarantee liquidation of this amount on the terms above named.

2. I may add that Her Highness the Maharani of Vizianagram has been pleased to approve of this arrangement, which is in conformity with the wishes of her late lamented son.

3. You will, of course, understand that the offer now made is subject to the sanction of Government. I shall be glad if you will lay the matter before the Municipal Council and forward me its resolution. If the offer is found acceptable, I shall address Government and obtain its orders in regard to the proposal.

Extract from the Proceedings of the Municipal Council, Vizianagram, dated 12th August 1899.

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Read Proceedings of the Madras Government, dated 16th December 1898, Mis. No. 2170 M.

Read letter from the Collector and Guardian of the Vizianagram Samasthanam, dated the 26th June last, No. 271-A, stating that he is prepared to recommend to Government that the estate should pay interest on half the cost of water-supply scheme to the town, not exceeding one and half lakhs of rupees, for such term of years as the Government may be pleased to fix for the liquidation of the principal and interest, subject to the condition that all the estate buildings in the Municipality will permanently be exempted from payment of water-taxes and requesting the Council to forward its resolution on the subject.

Resolution No. 1.—The Council unanimously resolves to gratefully accept the liberal offer of the Collector and Guardian of the Vizianagram Samasthanam to liquidate the loan of half the cost of the water scheme not exceeding a lakh and a half rupees subject to the conditions specified in his letter. The Council thinks that with this offer as well as the equally liberal offer of the Government to contribute a moiety of the estimated cost and advance the balance from Provincial funds it will be in a position to undertake the scheme and proposes to levy, with the sanction of Government, a water-tax at 8 per cent. on the estimated annual rent value of buildings other than those belonging to the Samasthanam, so as to meet the pumping and other charges to as much an extent as possible. Resolved further that the Council do place on record its deep sense of obligation and gratitude to the Government and Her Highness the Maharani of Vizianagram for their liberal offers.

* * * *

Endt. on S.C. No. 1176, *dated* 29*th August* 1899.

Forwarded through the Collector, Vizagapatam.

If the offer of the Vizianagram Samasthanam is accepted, there should be no difficulty in financing the scheme.

W. W. PHILLIPS,
Ag. Principal Assistant Collector.

Endt. on C. No. 2511, *dated* 31*st August* 1899.

Forwarded.

W. O. HORNE,
Collector.

Order—No. 1652 M., dated 10th November 1899.

The Government does not consider that the Municipal Council of Vizianagram can undertake the scheme for the water-supply of the town recommended by the Sanitary Board, unless the Vizianagram estate contributes a moiety of the initial cost. The Government does not think it advisable that the Council should accept the contribution promised by the Maharani on the terms stated in the correspondence, and therefore the question of undertaking the work must be postponed until the Maharaja comes of age and is ready to give such assistance as may be needed for financing the scheme.

(True Extract.)

M. HAMMICK,
Ag. Secretary to Government.

To the Chairman, Municipal Council, Vizianagram.
" Collector of Vizagapatam.
" Sanitary Board.
" " Commissioner.
" " Engineer.

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In such an arrangement, the Municipality will borrow the amount from Government and the estate will guarantee liquidation of this amount on the terms above named.

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Endt. on S.C. No. 1176, *dated 29th August* 1899.

Forwarded through the Collector, Vizagapatam.

If the offer of the Vizianagram Samasthanam is accepted, there should be no difficulty in financing the scheme.

W. W. PHILLIPS,
Ag. Principal Assistant Collector.

Endt. on C. No. 2511, *dated 31st August* 1899.

Forwarded.

W. O. HORNE,
Collector.

Order—No. 1652 M., dated 10th November 1899.

The Government does not consider that the Municipal Council of Vizianagram can undertake the scheme for the water-supply of the town recommended by the Sanitary Board, unless the Vizianagram estate contributes a moiety of the initial cost. The Government does not think it advisable that the Council should accept the contribution promised by the Maharani on the terms stated in the correspondence, and therefore the question of undertaking the work must be postponed until the Maharaja comes of age and is ready to give such assistance as may be needed for financing the scheme.

(True Extract.)

M. HAMMICK,
Ag. Secretary to Government.

To the Chairman, Municipal Council, Vizianagram.
" Collector of Vizagapatam.
" Sanitary Board.
" " Commissioner.
" " Engineer.

NOTES CONNECTED WITH G.O., No. 1652 M., DATED 10th NOVEMBER 1899.

[Subject.—*Vizianagram water-supply scheme.*]

From the Sanitary Board, dated 1st March 1899, *No.* 79-*S.*

From the Collector of Vizagapatam, dated 31st August 1899, *C. No.* 2511.

In G.O., No. 2170 M., dated 16th December 1898, the plans and estimates of a scheme for the water-supply of Vizianagram, prepared by the Sanitary Engineer, were forwarded to the Municipal Council for remarks. The Council was also requested to ascertain and report whether the contribution of Rs. 1,50,000 promised by the late Maharaja of Vizianagram would be realized, and if this was not possible, to state how it proposed to finance the scheme on the understanding that the Government would contribute a moiety of the estimated cost and advance the balance at 4 per cent. interest repayable in twenty years.

2. With the first of the letters read above, the Chairman forwards a copy of a communication addressed to him by the Collector and Guardian of the Vizianagram Samasthanam, in which that officer states that he is prepared to recommend to Government that the estate should pay interest on half the cost of the water-supply scheme, not exceeding Rs. 1,50,000, for such term of years as the Government may be pleased to fix for the liquidation of the principal and interest of such loan, by annual payments made to the Municipality, subject to the condition that all the estate buildings in the town are permanently exempted from payment of the water-tax. The Council, in its resolution No. 1, dated 12th August 1899, has accepted the offer of the Collector and Guardian of the Samasthanam and states that with this help and the offer of Government to contribute a moiety of the initial cost and advance the balance from Provincial funds, it will be in a position to undertake the scheme and it proposes to levy, with the sanction of Government, a water and drainage tax of 8 per cent. on the annual value of buildings other than those belonging to the Samasthanam so as to meet the annual maintenance charges. The Chairman also reports that the Council approves of the scheme recommended by the Sanitary Board as being the best and the cheapest.

3. The cost of the scheme, as originally estimated by the Sanitary Engineer, was Rs. 2,82,000. In its resolution No. 556-S., dated 23rd September 1898, the Sanitary Board pointed out that the estimate did not provide for compensation for the lands required for the construction of the infiltration gallery and the service reservoir and for those situated above and below the infiltration gallery, which would be rendered unfit for cultivation by the construction of the water-works and it accordingly recommended that the estimate should be raised to Rs. 2,92,550. The Sanitary Board also suggested that the infiltration gallery should be first excavated at a cost of Rs. 10,500 and the yield tested during the dry months of the year and that, if the results were satisfactory, the estimate for the whole scheme could then be revised. The Municipal Council, while considering that the construction of the infiltration gallery is the important point in the whole scheme, expresses the hope that the experiment will prove the sufficiency of the supply having regard to the previous experience obtained by a daily record kept of the depth of water flowing over the weir board fixed on the upper anicut of the Oottaigedda successively for three months in the driest season of 1898, which produced satisfactory results. The Council further states that the annual cost of pumping is over-estimated,

In G.O., No. 2170 M., dated 16th December 1898.

considering the local rates of wages paid to persons employed on similar works and the price of full in the place, and may well be reduced to, say, Rs. 4,000, that the question of settling the compensation for the lands referred to need not be considered by Government until the scheme is found to stand the test of the supply into the infiltration gallery proposed to be dug and that the ground selected for digging the trench is not an arable land but one of gravel and small stones, the acquisition of which will not be difficult should its acquisition be at all necessary.

4. For the purpose of financing the scheme, the estimated initial cost may be taken as Rs. 2,92,550 or say, roughly, 3 lakhs, as the acquisition of the sites of the infiltration gallery and the service reservoir will sooner or later be necessary, and compensation must be paid for the damage done to cultivation in the lands adjoining the infiltration gallery. The Sanitary Board also says that the estimate needs revision. As regards the annual working charges of the scheme, the Sanitary Engineer's estimate, viz. Rs. 9,000, may be accepted, as the difference in the local rates of wages and in the price of fuel at Vizianagram is not likely to affect it to the extent represented by the Municipal Council. Now the Government has undertaken to contribute from Provincial funds a moiety of the estimated initial cost and to lend the balance at 4 per cent. interest repayable in twenty years. The Collector and Guardian of the Vizianagram Samasthanam is willing to recommend to Government that the estate should guarantee the liquidation of this loan by paying to the Municipality every year interest on half the cost of the scheme not exceeding 1½ lakhs for such a term of years as the Government may fix for the liquidation of the loan, but he points out that any guarantee given by him with the approval of Her Highness the Maharani will not enure beyond the period of management. He however states that he is sure that the obligation is one that will not be repudiated by the future owner, that the risk may therefore be disregarded and that as the estate cannot afford to pay up half the cost of the scheme during the period of management, he is unable to propose any other arrangement. Under section 75 (2) of the District Municipalities Act, as amended, the Government can by notification exempt the buildings belonging to the Vizianagram estate from payment of the water-tax. It is however for consideration whether it will be advisable for the Municipal Council to launch on the water-supply scheme on the strength of the promise made by the Collector and Guardian; for it is doubtful whether such a promise, even if a formal agreement were executed by him, would be binding on the future owner of the estate. It has also to be noted that the Municipal Council will be unable to undertake the scheme without the help from the Vizianagram estate above referred to. The annual payment on account of the loan of 1½ lakhs to be advanced by Government repayable in twenty years with interest at 4 per cent. is Rs. 11,040, which together with the annual working charges of Rs. 9,000, amounts to Rs. 20,040 in the aggregate, while the only additional revenue which can be raised by the Municipal Council is Rs. 13,302 (Rupees 1,478, * by raising the rate of the tax on buildings and lands from 7½ to 8½ per cent. of their annual value, and Rs. 11,824 † by imposing a water-tax of 8 per cent. on *all* buildings and lands in the town). If however the offer of a contibution from Vizianagram estate on the conditions specified is accepted, the Council will have no difficulty whatever in undertaking the scheme.

Vide paragraph 2 of G.O., No. 2170 M., dated 16th December 1898.

	Rs.
* Net demand under the tax on buildings and lands in 1898–99 at 7½ per cent	11,086
Net demand under the tax on buildings and lands in 1898–99 at 8½ per cent.	12,564
Increase	1,478
† Water tax at 8 per cent.	11,824
Total ..	13,302

V. Raghava Charlu—27-10-99.

The scheme is impossible unless the Vizianagaram estate contributes interest and sinking fund for half the cost and the Government contribute the other half. The question then is whether it is advisable to trust to the promise of the Maharani on behalf of the estate to pay the sum every year. It is a large sum that will have to

For a precedent, please see G.O., No. 1410 M., dated 12th August 1898.

L. & M.
5,000—

be paid—over Rs. 11,000 per annum—and looking to the risk which will be run, it certainly does not seem advisable that Provincial funds should advance 1½ lakhs on no better security than a promise. The boy growing up if he turns out badly might throw over the contract at any time.

The Advocate-General might perhaps be able to suggest some way by which the estate can be bound, if not, unless Mr. Gillman can find the money in one or two instalments, it is submitted that the scheme should be dropped for the present and renewed when the boy comes of age.

M. Hammick—30-10-99.

The scheme cannot be undertaken on the terms proposed. It must be dropped until the Maharaja is of age and ready to give such assistance as may be needed for the finances.

A. T. A[rundel]—1-11-99.

[G.O., No. 1652 M., dated 10th November 1899.]

Government of Madras.

LOCAL AND MUNICIPAL DEPARTMENT.

MISCELLANEOUS.

Recd.	1899.	*Enclosures*
Regd.		*Spare copies*

G.O., No. 1652 M., 10th November 1899.

N. 2.

Water-supply.

Stating that the Government does not consider that the Municipal Council of Vizianagram can undertake the scheme for the — of the town unless the Vizianagram estate contributes a moiety of the cost and that the question of undertaking the work must be postponed until the Maharaja comes of age and is ready to give such assistance as may be needed for financing the scheme.

GOVERNMENT OF MADRAS.

LOCAL AND MUNICIPAL DEPARTMENT.

READ—the following papers :—

I

G.O., No. 2170 M., dated 16th December 1898.

II

Proceedings of the Sanitary Board, No. 79/S., dated 1st March 1899.

Read—the following paper :—

Note by the President, Sanitary Board.

In Proceedings of the Sanitary Board, No. 556/S., dated 23rd September 1898, an estimate amounting to Rs. 2,82,000 for the Vizianagram water-supply project, prepared by the Acting Sanitary Engineer, Mr. Russel, was submitted to Government for orders. The rates in the estimate were, Mr. Russel informs me, based on the Public Works Department schedule of the Vizagapatam division. This schedule has since been found by the Chief Engineer to be "manifestly inaccurate*." The rates are understood to be too low. It is impossible to say how much the rates will have to be increased until the schedule of rates has been revised by the local officers, but the information will be obtained as soon as practicable.

* *Vide* G.O., No. 2310 W., dated 6th September 1898.

2. I, therefore, recommend that Government be apprised of this in the Local and Municipal Department, so that if the estimate be finally sanctioned in that department the sanction may be accorded subject to further scrutiny of the rates.

A. W. SMART, Col., R.E.,
Ag. President, Sanitary Board.

Resolution—No. 79/S., *dated* 1*st March* 1899.

The note of the President read above will be submitted to Government with reference to G.O., Mis. No. 2170 M., dated 16th December 1898.

(True Extract.)

R. PARSONS,
Secretary, Sanitary Board.

To the Secretary to Government, Local and Municipal Department,
with a copy of G.O., No. 2310 W., dated 6th September 1898.

III

Letter—from M.R.Ry. V. VENKATRAYA SASTRI Garu, Chairman, Municipal Council, Vizianagram.
To—the Secretary to Government, Local and Municipal Department (through the Revenue Divisional officer).
Dated—the 25th August 1899.
No.—513-C.

With reference to G.O., Mis. No. 2170 M., dated 16th December last, forwarding, for the Council's remarks, the plans and estimates and the Proceedings of the Sanitary Board in connection with the water-supply scheme to the town of Vizianagram, and requesting the Municipal Council to ascertain and report whether the contribution promised by the late Maharaja will now be realised, I have the honour to forward herewith copy of the Proceedings of the Municipal Council held on the 12th instant and the letter of the Collector and Guardian of the Vizianagram Samasthanam, dated 26th June 1899, No. 271, for the information and approval of the Government.

2. With reference to paragraph 1 of the order under reply, I beg to submit that the Council entirely agrees with the views of the Sanitary Board in selecting the Ootagedda scheme in preference to others for reasons stated by the Board in paragraph 3 of its proceedings, dated 23rd September 1898, No. 556/S.

3. The infiltration trench, which is estimated to cost Rs. 10,500, is proposed to be dug in order to test the nature of the yield. The Council considers that this is the vital point of the whole scheme and trusts it will prove that there will be a sufficient supply of water in all seasons of the year, regard being had to the previous experience obtained by a daily record kept of the depth of water flowing over the weir board fixed on the upper anicut of Ootagedda successively for three months in the driest season of 1898 which produced satisfactory results.

4. The average quantity required for the consumption of the towns-people taken at 15 gallons per head is estimated to be 6,00,000 gallons a day on a population of 40,000 souls. The daily average flow of the water thus gauged being (2″ × 24″) over the board, the yield may be estimated at 1,846,000 gallons a day which is above the required quantity.

5. The chemical analysis also shows that the water of the flowing river as well as that of wells dug in its bed is pure and fit for drinking purposes.

6. The annual cost of pumping is, in the opinion of the Council, rather overestimated taking into consideration the local rates of wages paid to persons employed on similar works and the price of fuel in the place. On an information obtained of the actual charges incurred by the Dindigul Municipality (population 20,000) for the maintenance of a pumping station where the cost did not exceed Rs. 1,836 or Rs. 1,900 a year, it cannot be estimated that it would cost here more than double that amount, viz., Rs. 3,800 or Rs. 4,000 in round numbers actually.

7. The question of settling the compensation need not engage the Government till the scheme is found to actually stand the test of the supply into the infiltration gallery proposed to be dug. The ground selected for the trench is not an arable land, but one of gravel and small stones the acquisition of which will not, in my opinion, be difficult if at all an acquisition is necessary.

8. With reference to paragraph 2 of the order, I beg to inform you that the Council considers the project to be the best in every way and the cheapest that it could think of, and hopes that the scheme will prove a success and relieve the public of the distress they have so long felt in the matter of a good supply of pure drinking water. In obedience to the Government Order and in accordance with the wishes of the Council, I negotiated with the Samasthanam authorities who have agreed to fulfil the promise so generously made by the late lamented Maharaja subject to the conditions laid down by the Collector and Guardian in his letter No. 271, dated 26th June last.

9. The Council most thankfully accepts the offer of Government to contribute half the cost of the scheme and feels equally thankful to Her Highness the Maharani Sahiba for the liberal offer now made, supported by the good advice of the Collector and Guardian, and requests that the Government will be pleased to approve the resolution of the Council in borrowing one and a half lakhs of rupees from the Samastanam

authorities under the conditions laid in the Collector and Guardian's letter above quoted, to be supplemented to a similar amount which the Government is pleased to make a grant of, towards the cost of the scheme.

10. In the event of Government sanctioning the loan which the Municipality proposes, the Council shall have to levy a water-rate at 8 per cent. on all buildings and lands within the Municipality other than those belonging to the Samastanam, in order to enable it to meet the cost of maintaining the works. The marginally-noted figures will give detailed information as to how the money thus raised will be spent. The amount which the Government may be pleased to advance will be liquidated with interest at 4 per cent. in 20 years by the Samasthanam on condition that its buildings are exempted from paying water-tax.

	Rs.
Average actual collections under tax on buildings and lands at 7½ per cent.	9,968
Estimated revenue collectable as water-rate at 8 per cent.	10,633
Deduct water-rate on Samasthaman buildings at 8 per cent.	3,200
Amount of water-rate available for expenses ..	7,433
Amount to be met from other sources ..	1,567
Amount required for the maintenance of pumping station annually	9,000

11. In conclusion, the Council most earnestly requests that the Government be pleased to sanction the proposals made for carrying out the scheme, viz.—

(1) to make a grant of half the cost of the water scheme;

(2) to permit the Council to raise a loan from Provincial funds, the liquidation of which is guaranteed by the Samasthanam as shown in the letter No. 271 of 26th June 1899 of the Collector and Guardian;

(3) to sanction the levy of water-tax on buildings and lands within the Municipality and to allow the Council to exempt the tax on Samasthanam buildings;

(4) to advance the sum of Rs. 10,500 required for the excavation of the trench for the infiltration gallery;

(5) to order the acquisition of the land required for the gallery, if necessary.

12. The Municipal Council wishes to take up the work at once and would like to see that the work is actually commenced during the next winter, a favourable season for earthworks. Meanwhile the necessary preliminaries may be adopted.

13. The delay in replying to the above proceedings was due to the fact that Her Highness the Maharani Sahiba was absent from the place, and nothing could be settled until Her Highness' return to Vizianagram. I therefore most earnestly beg that the Government will be pleased to pass early orders on the subject so that the work may be taken up before long.

The plans, estimates and other papers connected with the subject are herewith returned as directed.

Enclosures.

Letter—from H. F. W. Gillman, Esq., I.C.S., Collector and Guardian, Vizianagram.
To—the Chairman, Municipal Council, Vizianagram.
Dated—the 26th June 1899.
No.—271-A/Rev.

In reply to your letter No. 314 of 23rd March 1899, I have the honour to state that subject to the condition that all the estate buildings in this Municipality will permanently be exempted from payment of water-taxes, I am prepared to recommend to Government that the estate should pay interest on half the cost of the water-supply scheme to this town, not exceeding one and half lakhs of rupees, for such a term of years as the Government may be pleased to fix for the liquidation of the principal and interest of such loan, by annual payments made by the Samasthanam to the Municipality.

In such an arrangement, the Municipality will borrow the amount from Government and the estate will guarantee liquidation of this amount on the terms above named.

2. I may add that Her Highness the Maharani of Vizianagram has been pleased to approve of this arrangement, which is in conformity with the wishes of her late lamented son.

3. You will, of course, understand that the offer now made is subject to the sanction of Government. I shall be glad if you will lay the matter before the Municipal Council and forward me its resolution. If the offer is found acceptable, I shall address Government and obtain its orders in regard to the proposal.

Extract from the Proceedings of the Municipal Council, Vizianagram, dated 12th August 1899.

* * * * *

Read Proceedings of the Madras Government, dated 16th December 1898, Mis. No. 2170 M.

Read letter from the Collector and Guardian of the Vizianagram Samasthanam, dated the 26th June last, No. 271-A, stating that he is prepared to recommend to Government that the estate should pay interest on half the cost of water-supply scheme to the town, not exceeding one and half lakhs of rupees, for such term of years as the Government may be pleased to fix for the liquidation of the principal and interest, subject to the condition that all the estate buildings in the Municipality will permanently be exempted from payment of water-taxes and requesting the Council to forward its resolution on the subject.

Resolution No. 1.—The Council unanimously resolves to gratefully accept the liberal offer of the Collector and Guardian of the Vizianagram Samasthanam to liquidate the loan of half the cost of the water scheme not exceeding a lakh and a half rupees subject to the conditions specified in his letter. The Council thinks that with this offer as well as the equally liberal offer of the Government to contribute a moiety of the estimated cost and advance the balance from Provincial funds it will be in a position to undertake the scheme and proposes to levy, with the sanction of Government, a water-tax at 8 per cent. on the estimated annual rent value of buildings other than those belonging to the Samasthanam, so as to meet the pumping and other charges to as much an extent as possible. Resolved further that the Council do place on record its deep sense of obligation and gratitude to the Government and Her Highness the Maharani of Vizianagram for their liberal offers.

* * * * *

Endt. on S.C. No. 1176, *dated* 29*th August* 1899.

Forwarded through the Collector, Vizagapatam.

If the offer of the Vizianagram Samasthanam is accepted, there should be no difficulty in financing the scheme.

W. W. Phillips,
Ag. Principal Assistant Collector.

Endt. on C. No. 2511, *dated* 31*st August* 1899.

Forwarded.

W. O. Horne,
Collector.

Order—No. 1652 M., dated 10th November 1899.

The Government does not consider that the Municipal Council of Vizianagram can undertake the scheme for the water-supply of the town recommended by the Sanitary Board, unless the Vizianagram estate contributes a moiety of the initial cost. The Government does not think it advisable that the Council should accept the contribution promised by the Maharani on the terms stated in the correspondence, and therefore the question of undertaking the work must be postponed until the Maharaja comes of age and is ready to give such assistance as may be needed for financing the scheme.

(True Extract.)

M. Hammick,
Ag. Secretary to Government.

To the Chairman, Municipal Council, Vizianagram.
" Collector of Vizagapatam.
" Sanitary Board.
" " Commissioner.
" " Engineer.

NOTES CONNECTED WITH G.O., No. 1652 M., DATED 10TH NOVEMBER 1899.

[SUBJECT.—*Vizianagram water-supply scheme.*]

From the Sanitary Board, dated 1st March 1899, No. 79-S.

From the Collector of Vizagapatam, dated 31st August 1899, C. No. 2511.

In G.O., No. 2170 M., dated 16th December 1898, the plans and estimates of a scheme for the water-supply of Vizianagram, prepared by the Sanitary, Engineer, were forwarded to the Municipal Council for remarks. The Council was also requested to ascertain and report whether the contribution of Rs. 1,50,000 promised by the late Maharaja of Vizianagram would be realized, and if this was not possible, to state how it proposed to finance the scheme on the understanding that the Government would contribute a moiety of the estimated cost and advance the balance at 4 per cent. interest repayable in twenty years.

2. With the first of the letters read above, the Chairman forwards a copy of a communication addressed to him by the Collector and Guardian of the Vizianagram Samasthanam, in which that officer states that he is prepared to recommend to Government that the estate should pay interest on half the cost of the water-supply scheme, not exceeding Rs. 1,50,000, for such term of years as the Government may be pleased to fix for the liquidation of the principal and interest of such loan, by annual payments made to the Municipality, subject to the condition that all the estate buildings in the town are permanently exempted from payment of the water-tax. The Council, in its resolution No. 1, dated 12th August 1899, has accepted the offer of the Collector and Guardian of the Samasthanam and states that with this help and the offer of Government to contribute a moiety of the initial cost and advance the balance from Provincial funds, it will be in a position to undertake the scheme and it proposes to levy, with the sanction of Government, a water and drainage tax of 8 per cent. on the annual value of buildings other than those belonging to the Samasthanam so as to meet the annual maintenance charges. The Chairman also reports that the Council approves of the scheme recommended by the Sanitary Board as being the best and the cheapest.

3. The cost of the scheme, as originally estimated by the Sanitary Engineer, was Rs. 2,82,000. In its resolution No. 556-S., dated 23rd September 1898, the Sanitary Board pointed out that the estimate did not provide for compensation for the lands required for the construction of the infiltration gallery and the service reservoir and for those situated above and below the infiltration gallery, which would be rendered unfit for cultivation by the construction of the water-works and it accordingly recommended that the estimate should be raised to Rs. 2,92,550. The Sanitary Board also suggested that the infiltration gallery should be first excavated at a cost of Rs. 10,500 and the yield tested during the dry months of the year and that, if the results were satisfactory, the estimate for the whole scheme could then be revised. The Municipal Council, while considering that the construction of the infiltration gallery is the important point in the whole scheme, expresses the hope that the experiment will prove the sufficiency of the supply having regard to the previous experience obtained by a daily record kept of the depth of water flowing over the weir board fixed on the upper anicut of the Oottaigedda successively for three months in the driest season of 1898, which produced satisfactory results. The Council further states that the annual cost of pumping is over-estimated,

In G.O., No. 2170 M., dated 16th December 1898.

considering the local rates of wages paid to persons employed on similar works and the price of fuil in the place, and may well be reduced to, say, Rs. 4,000, that the question of settling the compensation for the lands referred to need not be considered by Government until the scheme is found to stand the test of the supply into the infiltration gallery proposed to be dug and that the ground selected for digging the trench is not an arable land but one of gravel and small stones, the acquisition of which will not be difficult should its acquisition be at all necessary.

4. For the purpose of financing the scheme, the estimated initial cost may be taken as Rs. 2,92,550 or say, roughly, 3 lakhs, as the acquisition of the sites of the infiltration gallery and the service reservoir will sooner or later be necessary, and compensation must be paid for the damage done to cultivation in the lands adjoining the infiltration gallery. The Sanitary Board also says that the estimate needs revision. As regards the annual working charges of the scheme, the Sanitary Engineer's estimate, viz. Rs. 9,000, may be accepted, as the difference in the local rates of wages and in the price of fuel at Vizianagram is not likely to affect it to the extent represented by the Municipal Council. Now the Government has undertaken to contribute from Provincial funds a moiety of the estimated initial cost and to lend the balance at 4 per cent. interest repayable in twenty years. The Collector and Guardian of the Vizianagram Samasthanam is willing to recommend to Government that the estate should guarantee the liquidation of this loan by paying to the Municipality every year interest on half the cost of the scheme not exceeding 1½ lakhs for such a term of years as the Government may fix for the liquidation of the loan, but he points out that any guarantee given by him with the approval of Her Highness the Maharani will not enure beyond the period of management. He however states that he is sure that the obligation is one that will not be repudiated by the future owner, that the risk may therefore be disregarded and that as the estate cannot afford to pay up half the cost of the scheme during the period of management, he is unable to propose any other arrangement. Under section 75 (2) of the District Municipalities Act, as amended, the Government can by notification exempt the buildings belonging to the Vizianagram estate from payment of the water-tax. It is however for consideration whether it will be advisable for the Municipal Council to launch on the water-supply scheme on the strengh of the promise made by the Collector and Guardian; for it is doubtful whether such a promise, even if a formal agreement were executed by him, would be binding on the future owner of the estate. It has also to be noted that the Municipal Council will be unable to undertake the scheme without the help from the Vizianagram estate above referred to. The annual payment on account of the loan of 1½ lakhs to be advanced by Government repayable in twenty years with interest at 4 per cent. is Rs. 11,040, which together with the annual working charges of Rs. 9,000, amounts to Rs. 20,040 in the aggregate, while the only additional revenue which can be raised by the Municipal Council is Rs. 13,302 (Rupees 1,478, * by raising the rate of the tax on buildings and lands from 7½ to 8½ per cent. of their annual value, and Rs. 11,824 † by imposing a water-tax of 8 per cent. on *all* buildings and lands in the town). If however the offer of a contibution from Vizianagram estate on the conditions specified is accepted, the Council will have no difficulty whatever in undertaking the scheme.

Vide paragraph 2 of G.O., No. 2170 M., dated 16th December 1898.

For a precedent, please see G.O., No. 1410 M., dated 12th August 1898.

	Rs.
* Net demand under the tax on buildings and lands in 1898–99 at 7½ per cent.	11,086
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V. RAGHAVA CHARLU—27-10-99.

The scheme is impossible unless the Vizianagaram estate contributes interest and sinking fund for half the cost and the Government contribute the other half. The question then is whether it is advisable to trust to the promise of the Maharani on behalf of the estate to pay the sum every year. It is a large sum that will have to

be paid—over Rs. 11,000 per annum—and looking to the risk which will be run, it certainly does not seem advisable that Provincial funds should advance 1½ lakhs on no better security than a promise. The boy growing up if he turns out badly might throw over the contract at any time.

The Advocate-General might perhaps be able to suggest some way by which the estate can be bound, if not, unless Mr. Gillman can find the money in one or two instalments, it is submitted that the scheme should be dropped for the present and renewed when the boy comes of age.

M. HAMMICK—30-10-99.

The scheme cannot be undertaken on the terms proposed. It must be dropped until the Maharaja is of age and ready to give such assistance as may be needed for the finances.

A. T. A[RUNDEL]—1-11-99.

[G.O., No. 1652 M., dated 10th November 1899.]