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MADRAS RECORD OFFICE.

Government of Madras.

Financial DEPARTMENT.

G.O. No. 1130. Press ~~Mis~~

83-84.

Dated 8 - 7 — 1884.

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No. 83. Read the following letter from J. G. COLEMAN, Esq., Officiating President of the Municipal Commission, Madras, to the Hon D. F. CARMICHAEL, Acting Chief Secretary to Government, Fort St. George, dated Madras, 13th June 1874, G. No. 89 :—

I have the honor to forward, for the information of the Right Honorable the Governor in Council, the Minutes of the Proceedings of a Special General Meeting of the Municipal Commissioners for the Town of Madras, held on the 3rd and adjourned to the 4th instant, convened with special reference to the Order of Government, Financial Department, dated the 25th April 1874, No. 697, requesting to be informed what is the precise position of the Drainage Project.

2. There was a lengthy and somewhat animated discussion chiefly upon the question of what Mr. Lee, the Executive Engineer, should be required to submit in compliance with the Order of Government, and it was evident that the Commissioners viewed the subject of Drainage as of paramount importance. It was, however, finally resolved "that the Executive Engineer be requested to submit at an early date a general sketch, which is all that is required in the first instance, of his views with reference to the drainage of Black Town, and the probable expenditure needed to work out the details of any scheme or schemes that he may be able to suggest, making use of Colonel Tulloch's levels and other information already on record for the purpose."

3. The Commissioners, finding it necessary to relieve Mr. Lee in some measure from the charge of the Water Works, resolved* to request Government for the services of an efficient upper subordinate of the Department of Public Works. I have, therefore, the honor to request that His Excellency the Governor in Council will be pleased to sanction the transfer of a subordinate to the Municipality as soon as possible, for such time as Mr. Lee may be engaged on the Drainage Scheme. The subordinate will receive a salary of Rupees 200 a-month.

* "That Government be asked to place the services of an upper subordinate at the disposal of Mr. Lee, for employment on the Water Works during the time he is engaged on the Drainage Scheme, there being the necessary provision for the purpose."

4. Government will observe from the remarks made by some of the Commissioners—in which the rest shared—that the want of a professional member in the Commission is much felt, which led to the adoption of the following resolution :—

"That the Government be requested to appoint an Engineer Officer as a Member of the Municipal Commission, so that both the Water Supply and Drainage Committees may be presided over by a gentleman of scientific attainments."

5. Government will doubtless recognise the necessity for professional element in the Commission. I have, therefore, the honor to request that His Excellency the Governor will be pleased to appoint an Engineer Officer to the 5th Division where a vacancy now exists.

PROCEEDINGS of a Special Meeting of the Municipal Commissioners for the Town of Madras, held at their Office Premises, No. 22, Errah Bauloo Chetty Street, Black Town, on Wednesday the 3rd June 1874, at noon, under the Madras Municipal Act IX. of 1867, to consider the following subjects :—

First.—To take into consideration the steps to be taken for the preparation of a scheme for draining Madras in connexion with G.O., 25th April 1874, No. 697, "requesting that the President will report what is the precise position of the Drainage Project."

Second.—Proceedings of the Drainage Committee with reference to the above.

PRESENT.

J. G. Coleman, Esq., Officiating President.
Cowasjee Eduljee, Esq.
J. W. Gantz, Esq.
Hyder Jung Bahadoor, Esq.
C. Kalyanasoondrum Chettiar, Esq.
V. Kristnama Charriar, Esq.
Meer Hoossain Ally Khan, Esq.
Honorary-Surgeon Moideen Sheriff.
J. P. Nicholas, Esq.
P. Somasoondrum Chettiar, Esq.
Y. Vencataramiah Garu, Esq.
P. Viziarungum Moodelliar, Esq.

There not being a sufficient number of Commissioners present to form a quorum, the Officiating President adjourned the Meeting to Thursday the 4th June 1874, at 4 o'clock P.M., as provided in Section 23 of the Madras Municipal Act IX. of 1867.

PROCEEDINGS of an Adjourned Special Meeting of the Municipal Commissioners for the Town of Madras, held at their Office Premises, No. 22, Errah Bauloo Chetty Street, Black Town, on Thursday the 4th June 1874, at 4 o'clock P.M., under the Madras Act IX. of 1867.

PRESENT.

J. G. Coleman, Esq., Officiating President.
Cowasjee Eduljee, Esq.
J. J. D'Rozario, Esq.
J. W. Gantz, Esq.
Cyrus Grant, Esq.
Hyder Jung Bahadoor, Esq.
C. V. Iyasawmy Moodelliar, Esq.
C. Kalyanasoondrum Chettiar, Esq.
V. Kristnama Charriar, Esq.
Meer Hoossain Ally Khan, Esq.
Honorary-Surgeon Moideen Sheriff.
J. P. Nicholas, Esq.
P. Somasoondrum Chettiar, Esq.

Y. Vencataramiah Garu, Esq.
P. Viziarungum Moodelliar, Esq.

The Officiating President opened the Meeting by reading the following Minute :—

GENTLEMEN,—The subject that is to engage your attention today is one of such importance, that I have found it necessary to convene a Special Meeting for its consideration. The Drainage of Madras has often attracted the attention of the Commissioners, though no definite steps have hitherto been taken to secure a thoroughly workable scheme. I am in hopes that the deliberations of this day will enable the Municipality to put before the public, within a few months, such a scheme as shall meet with the approval of the Commissioners and of the scientific Officers of Government.

The Government Order circulated on the 1st instant refers to two of my letters, which I shall now read to you :—

"E. No. 315—572.

"MUNICIPAL COMMISSIONERS' OFFICE,
MADRAS, 19*th May* 1874.

"To the CHIEF SECRETARY to GOVERNMENT,
Ootacamund.

"SIR,—I have the honor to acknowledge receipt of G.O., No. 697, of the 25th April 1874, calling on me to report "what is the precise position of the Drainage Project," and, in reply, to state that Mr. Standish Lee, the Executive Engineer of the Municipality, has been for sometime collecting information for preparing a scheme, but, owing to his time being much taken up with the Water Works and other general duties, he has had no time to mature his plans.

"2. Mr. Lee's intimate acquaintance with the physical features of Madras will, I have no doubt, enable him to prepare a satisfactory project within a very short period, if he is told off to this special duty with an efficient staff to assist him in taking levels and making plans. I have called a Meeting of the Drainage Committee for the 20th instant, with the view of obtaining their opinion as to what course should be taken to ensure the rapid completion of the scheme, and will bring the subject again before the Commissioners at the General Meeting to be held about the end of next month.

"3. You will observe by the proceedings at the last Meeting, that, although the drainage was alluded to by me, no discussion ensued. I have, &c.,

"J. G. COLEMAN, *Offg. Presdt., Munl. Commn.*"

On the 23rd May, I again addressed Government :—

"E. No. 335—665.

"MUNICIPAL COMMISSIONERS' OFFICE,
MADRAS, 23*rd May* 1874,

"To the CHIEF SECRETARY to GOVERNMENT,
Ootacamund.

"SIR,—In continuation of my letter, No. 315—572, dated the 19th instant, I have the honor to inform you that, at the Meeting of the Drainage Committee held on the

20th instant, it was resolved that the Executive Engineer to the Municipality Mr. S. Lee, who has already devoted considerable time and labor to the subject, shall be instructed to prepare a scheme (limited in the first instance to Black Town), and that Rupees 294 per mensem be sanctioned for a temporary establishment of Surveyors, Draughtsman, &c.

"2. Mr. Lee stated that he hoped to be able to submit a scheme within about four months, and, considering the urgency of the question, I have now called a Special Meeting of the Commissioners for the 3rd proximo, to confirm the above resolutions.

"3. The Proceedings of this Meeting will be forwarded to Government in due course. I have, &c.,

"J. G. COLEMAN, *Offig. Presdt., Munl. Commn.*"

More detailed information could not be given by me. I found that our Executive Engineer had once or twice been asked to give his views on a Drainage Scheme for Madras, but no assistance was allowed him, nor was he relieved of any portion of his duties in connexion with the Water Works, and, therefore, he has had no opportunity for preparing his project. As far as I can learn, all that Mr. Lee has been able to do, has been to obtain a thorough knowledge of the physical features of Madras, the present system of drainage, and of all the schemes that have been prepared for the last twenty or thirty years.

Mr. Loch has long been anxious to get an Assistant for the Water Works and to tell Mr. Lee off for the preparation of a Drainage Scheme. Government has been asked, more than once, for the services of an upper subordinate, but none could be spared, and, although the Commissioners sanctioned Rupees 300 a-month, for the current year, as salary for such an Assistant, no competent person has hitherto come forward.

There is an impression that, because Mr. Woolley's works are finished, the Water Works are at an end. The work in that office, is, however, still very heavy. Extensions have to be considered, applications for additional fountains to be examined and reported on, the pipes and fountains have to be kept in repair, and the number sanctioned constructed. The bills examined and passed during the last two months are placed on the table and number 589; the letters despatched during the same period are 394, and, in addition to these, the daily returns of the Head Turnkeys and Walkmen have to be scrutinized, and the diaries of the Foreman and Overseers examined, the Store Indents passed, and Receipts and Issues of Stores checked. These are simply the major heads of work, but I can assure you, gentlemen, that, from the personal knowledge I have had, I am convinced that the Water-Works Office requires the undivided attention of one officer. I have been particular to mention these details, to prove to you that, unless Mr. Lee is partially aided by a competent Assistant in the Water Works, we cannot expect him to prepare the Drainage Scheme.

I would suggest that Government be again addressed for the loan of a subordinate to be employed on the Water Works.

As regards the second, third, and fifth paragraphs of the Order of Government last circulated to you, I have to draw your attention to a letter received from our Executive Engineer, which I shall now read to you:—

"No. 406—727.

"MADRAS MUNICIPALITY, EX. ENGR.'S OFFICE,
MADRAS, *2nd June* 1874.

"To J. G. COLEMAN, ESQ., *Offig. President, Madras Municipality.*

"SIR,—With reference to G.O., No. 934, of the 30th May 1874, I beg to be permitted to offer the following explanation:—Major Tulloch was allowed the establishment entered in the margin,* and it occupied fifty months of the undivided attention of that officer, with an establishment costing Rupees 609 per mensem to prepare a Drainage Scheme.

"2. The establishment I asked is also entered in the margin† (for comparison), and its cost was Rupees 294 per mensem, for a period of about four months.

"3. It was not, therefore, my intention to go over the whole ground traversed by Major Tulloch, which work occupied years, but to utilize his levels to the utmost. The Surveyors were for running check levels and for verifying the bench-marks of Major Tulloch's levels. In the former scheme it was proposed to allow the whole of the sewage to flow into one main drain to run from south to north of Madras, and then to lift it by powerful steam machinery of 72 horse-power, which with the engine-house was to cost Rupees 1,78,000 and Rupees 22,792 annually, as working expenses.

"4. In what I am going to propose, there will be a main drain for each physical district of Madras, and there will be high-level and low-level sewers in each district. The object kept in view being, to take away as much of the sewage as possible by gravitation, and to lift only that which cannot otherwise be discharged. Major Tulloch's scheme poured the sewage into the sea, but now it is proposed to utilize it on farms.

"5. These differences will necessitate the running of level lines which are not on Major Tulloch's plans, and hence the necessity also for Surveyors. As regards the Draughtsmen, the plans and levels of Major Tulloch's scheme are very numerous and I thought it would be a waste of time for me to spend a month or so in making myself acquainted with them and arranging them for use. If men on small salaries are engaged on this work time would be saved, and I could readily obtain from them the levels of each street as I proceed with my calculations for determining the size and fall of each sewer. An intelligent Clerk is also necessary to copy my report as it

* *From August* 1863 *to October* 1867.

	Rs.	A.	P.
Supervisor	180	0	0
Surveyor	60	0	0
6 Lascars, at Rs. 6 each... ...	36	0	0
4 Peons, at ,, 7 ,, ...	28	0	0
Accountant	35	0	0
Draughtsman	30	0	0
	369	0	0
For 50 months...	18,450	0	0
For 18 months			
3 Draughtsmen, at Rs. 50 each	150	0	0
3 ,, at ,, 30 ,,	90	0	0
	240	0	0
For 18 months	6,720	0	0
Grand Total ...	25,170	0	0

	Rs.	A.	P.
†2 Surveyors, at Rs. 60 each ...	120	0	0
1 Draughtsman	50	0	0
1 Do.	30	0	0
1 Clerk	30	0	0
10 Lascars, at Rs. 5 each	50	0	0
2 Peons, at ,, 7 ,, ...	14	0	0
Total ...	294	0	0

proceeds and to assist generally in checking the calculations of quantities of work estimated for, &c.

"6. If, however, what is required at present is simply a report embodying my views on the subject of Drainage, I shall send it in as expeditiously as possible, though, even in this case, the assistance of a Draughtsman and Clerk would facilitate matters. I have the honor to be, sir, your most obedient servant,

"STANDISH LEE, *Executive Engineer.*"

It appears to me, from Mr. Lee's showing, that, if economy is to be studied and Mr. Lee's services employed to the best advantage, he should have proper assistance; that is, if his preliminary report is to be based on facts and figures and not to form simply an essay on Drainage.

Mr. Gantz then said that the only portion of Mr. Lee's letter which demanded the attention of the Commissioners was the concluding paragraph. He there states that he will soon be able to send in his report, if what is required is simply a report embodying his views on the subject of Drainage. But what the Government required from the Executive Engineer are *his views on the Drainage Project*—not views on the subject of Drainage generally, nor an essay on Drainage, as it is elsewhere termed—and the probable expenditure needed to work out the details of such a project. This, then, is what is required of Mr. Lee—a clear and definite statement of his views on the Drainage of Madras, limited in the first instance to Black Town as an important section of the Municipality, bearing in mind that the plan should be capable of adaptation to the other divisions so that one uniform system may prevail throughout. An outline of his scheme is what the Government require preliminarily —plans and an estimate to be prepared when the scheme had received the approval of the Commissioners and the sanction of Government.

Mr. Kristnama Charriar shared generally in the views expressed by Mr. Gantz. It was clear that the Government were not convinced by the papers sent up to them of the expediency of the Commissioners incurring any expenditure on establishment before the leading idea of Mr. Lee's plan is put on paper for consideration, and he (the speaker) thought the view taken by Government to be correct. When the subject had been brought before the Drainage Committee a fortnight ago, they found the question to be one of exceptional difficulty and embarrassment. On the one hand they felt that the hour had come for immediate action, considering the length of time the Drainage Scheme had been under discussion. On the other hand he, as one of the Members of that Committee, was not in favor of incurring any large expenditure for an indefinite time, simply to get a scheme on paper the success of which there was no certainty about, nor was he in favor of selling Mr. Lee off from the Water Works. But after anxious consideration the Committee thought it expedient to yield in some degree to the representations of Mr. Lee, as they were very strongly supported by the Officiating President, and passed the resolutions, copies of which the Commissioners had already received and read. But now that the views of the Government were made known to the Commissioners, it would not do to ignore them when the substantial aid of Government was required in this important matter. The Commissioners should take their stand upon the Government Order and require Mr. Lee to prepare a general sketch which was all that was wanted in the first instance of his plan of Drainage.

Nobody wanted, or could reasonably demand over-exactness in the figures to be given in Mr. Lee's first outline scheme. For all intents and purposes the elaborate levels and plans of Colonel Tulloch's scheme seemed sufficient; and with the benefit of these and other information already on record in connexion with the levels for the Water Works, and with such help as may be made available from the existing establishment, he thought Mr. Lee, with his intimate acquaintance with the physical features of Madras, and his special study of its drainage for some years past, might be well expected to submit such a general sketch as a preliminary step. Mr. Kristnama Charriar would not be so parsimonious as to deny to Mr. Lee the help of one Draughtsman and one Clerk which he wanted in the closing paragraph of his last letter on the subject. But this assistance he (the speaker) said he was sure could be had from the existing establishment, as the President might easily arrange to spare a Clerk from the General Department and a Draughtsman from the large staff of Overseers belonging to the Engineer's and Sanitary Departments, some of whom seemed often to be only hindering each others work. Speaking of this help from one department to another on such an emergency, Mr. Kristnama Charriar wished to urge that the different branches of the Municipal Office and of the Engineer's Department itself must pull well together and not act at arm's length departmentally. The Commissioners must get rid of that intense departmentalism against which they had been struggling for sometime past. One officer must have the support of another, and all the departments must be made to give mutual help. But here the same department was sadly split up into branches with separate heads and establishments, and this tyranny of departments is a growing evil which must be checked to prevent the waste of money and the working power of the Municipality. Of course, each officer or subordinate must be responsible for some particular work, but they should all help generally when required on an emergency. This must be insisted on, and temporary arrangements might easily be made to give the assistance needed by Mr. Lee from the existing establishment without going to additional expenditure. All that was wanted was only a general sketch of a scheme and an approximate estimate of its probable cost, and this need not require much time or very elaborate work or great exactitude in figures. Mr. Kristnama Charriar was prepared to move a resolution on the subject, but he would not do so at this early stage of the discussion.

Mr. Nicholas asked what would be the result of rejecting Mr. Lee's plan. The Commissioners were at the mercy of only one officer, and, he thought, that Government should be asked to assist them with an Engineer.

Mr. Moideen Sheriff found the subject beset with many difficulties. He had prepared a Drainage Scheme to carry off the sewage into the sea.

The Officiating President here remarked that such a project would cost a large sum.

Mr. Moideen Sheriff continued.—He thought that Mr. Lee should be called upon to explain why he preferred the Sewage Farm plan. This was altogether a scientific subject, and he, as a medical man, was much interested in it. He then moved the following resolution:—

"I propose that the Executive Engineer of the Municipality should be requested to submit to the Commissioners, without any delay, his views on the most feasible

method of draining the town of Madras, and the probable expenditure required for carrying out the same" :—

which was not seconded and was at a later stage of the proceedings withdrawn.

Referring to Mr. Kristnama Charriar's observations the Officiating President remarked that what Mr. Lee had asked was very little.

Mr. Vencataramiah observed that Mr. Lee's hands were still engaged with the Water Works, and if he were to be employed on the Drainage Scheme he will not have the opportunity to complete the Water Works—a circumstance which might eventually lead the Municipality into insolvency. He wished to know how long it would take Mr. Lee to complete those works. But what was remaining to be done was of a nature as not to demand Mr. Lee's personal attention. An ordinary man could be got from outside, and it would be well to send for Mr. Lee to inquire of him on all these points. He (the speaker) was certainly of opinion that if Mr. Lee is required to attend to the Drainage Scheme he should be detached from the Water Works. The Chairman had just said in his Minute that there is an erroneous impression that because Mr. Woolley's portion of the works was completed, that, therefore, the whole was at an end. If so it might take another year to come to an end.

Mr. Gantz as a Member of the Water Works Committee asserted that the works in connexion with the supply of water to the Town of Madras was an accomplished fact.

Mr. Somasoondrum Chettiar observed that if the Water Works were completed, Mr. Lee has nothing more to do with them.

Mr. Gantz explained that the works, as a project, had been completed, and all that remained to be done was the construction of a few fountains here and there, which were works of a very ordinary nature.

The Officiating President here read the following portion of his Minute, and observed that Mr. Lee must most undoubtedly continue his supervision of the Water Works :—

"There is an impression that, because Mr. Woolley's works are finished, the Water Works are at an end. The work in that office is, however, still very heavy. Extensions have to be considered, applications for additional fountains to be examined and reported on, the pipes and fountains have to be kept in repair, and the number sanctioned constructed. The bills examined and passed during the last two months are placed on the table and number 589, the letters despatched during the same period are 394, and, in addition to these, the daily returns of the Head Turnkeys and Walkmen have to be scrutinized, and the diaries of the Foreman and Overseers examined, the Store Indents passed, and Receipts and Issues of Stores checked. These are simply the major heads of work, but I can assure you, gentlemen, that, from the personal knowledge I have had, I am convinced that the Water-Works Office requires the undivided attention of one officer. I have been particular to mention these details to prove to you that, unless Mr. Lee is partially aided by a competent Assistant in the Water Works, we cannot expect him to prepare the Drainage Scheme."

Mr. Vencataramiah was convinced of the necessity of asking Government for the services of one of its subordinates. The Commissioners were sadly in want of professional assistance in the Board. At the time the Water-Supply Scheme was under consideration they had Colonel Silver and Captain Edgcome in the Commission, in

whose scientific and professional skill the Commissioners could confide. But now they were without any such aid, and it was no shame to acknowledge that there was no member in the Board able to assist them on scientific matters. He had not the remotest intention to depreciate Mr. Lee's qualifications, but still held that the Commissioners should have professional element in the Board to advise them on schemes of a scientific nature. Tolls and taxes were levied which oppressed the poor already, and it may be that the Drainage Scheme may launch the Municipality into a fresh debt, and as a consequence into the necessity for levying fresh taxes. He would, therefore, suggest that Government be asked to appoint a Mixed Committee—such as that for revising the Act—composed of gentlemen of experience and professional skill, and place Mr. Lee's services at their disposal.

Mr. Moideen Sheriff thought that the last speaker had told a good many things which were of no value, except the suggestion regarding the Mixed Committee, but even that could be taken into consideration when the Commissioners had got Mr. Lee's views. The drains, he said, should be useful both for sewage and rain water.

Mr. Kristnama Charriar, referring to Mr. Vencataramiah's remarks, said that if Mr. Lee could be expected to give the Mixed Committee a general sketch it would be discreditable to that officer to say now that he could not do it. Mr. Lee was entitled to have a chance of submitting his views to the Commissioners who were now groping in the dark.

Mr. Gantz reiterated that all that was wanted as a preliminary step was simply Mr. Lee's present ideas and views. If the Commissioners could agree as to what was required they might send for Mr. Lee and ascertain from him all particulars. Professional advice was not required for such a preliminary step, and the Commissioners could ask Government to appoint a professional gentleman as a Member of the Commission who could aid the Drainage Committee in arriving at a conclusion.

The Officiating President regretted that the Drainage of Madras was still only an idea, and that there was no scheme as yet. He deprecated the notion of asking Government to do the work—the Commissioners, he said, ought to do it themselves—while he could not agree to Mr. Lee's severance from the Water Works he was confident that Mr. Lee could, without being relieved entirely of the charge of the Water Works, draw up a proper Drainage Scheme. The fact that the Red Hills water was used by the inhabitants of Madras was an evidence of his abilities. He (the President) well remembered that when Mr Lee's Water-Works Scheme was under consideration it was severely criticised by a professional gentleman, who said that it could not by any possible means succeed, and advised against an extravagant waste of money. But what, he asked, were the results? A complete success; and looking to this fact he had no hesitation in saying that Mr. Lee would be able, provided he gets the assistance he needs, to produce a scheme which shall prove successful.

Mr. Lee having been called in and questioned on several points replied to the effect that since all that was required was, as Mr. Gantz had put it, simply a general sketch of his (Mr. Lee's) ideas as to how Black Town should be drained, he would be able to submit it expeditiously if relieved from other works. He, however, explained that such a report would be worthless to test the practicability or otherwise of any scheme he may prepare. His present idea was to take away as much of the sewage

as possible by gravitation; lift that which could not be otherwise discharged; and utilize the whole on a sewage farm. In the absence of levels he could not say what proportion of the sewage would gravitate, and whether ground at a reasonable distance from the town could be obtained at a level that would allow of its being used for sewage irrigation.

After some further discussion, more or less of the foregoing tenor and import, Mr. Kristnama Charriar moved the following resolution, which was seconded by Mr. Gantz :—

I. That the Executive Engineer be requested to submit at an early date a general sketch which is all that is required in the first instance of his views with reference to the Drainage of Black Town, and the probable expenditure needed to work out the details of any scheme or schemes that he may be able to suggest, making use of Colonel Tulloch's levels and other information already on record for the purpose.

Resolution I.

2. Resolved, also, that the Officiating President be requested to let Mr. Lee have the aid of a Draughtsman if practicable, and a Clerk from the existing establishment, making temporary provision for the work of the two men thus withdrawn, without entailing additional expense on the Municipality.

Mr. Vencataramiah proposed and Mr. Iyasawmy Moodelliar seconded the following amendment :—

That the President, in communication with the Drainage Committee, be authorized to entertain such additional establishment for the preparation of a General Drainage Scheme, which as regards gravity and other engineering purposes may bear a professional test.

Amendment to Resolution 1.

Resolved, also that, the President be requested to ask Government to associate with the Drainage Committee one or two Government Engineers.

The Officiating President observed that the original resolution was not in accordance with Mr. Loch's views which were in favor of Mr. Lee being allowed a small establishment.

Mr. Gantz replied that he knew nothing about those instructions and the Commissioners cannot be blamed if their proceedings are in contravention of them. Even the Drainage Committee, he said, were not cognizant of Mr. Loch's views.

The amendment was then put to the vote and lost, and the original resolution was carried.

The following resolution was next moved by Mr. Nicholas, seconded by Mr. Cowasjee Eduljee and carried :—

That Government be asked to place the services of an upper subordinate at the disposal of Mr. Lee, for employment on the Water Works during the time he is engaged on the Drainage Scheme, there being the necessary provision for the purpose.

Resolution 2.

The Officiating President wished to have the question of Mr. Lee's continuing to have the control of the Engineer's Department settled before the Meeting terminated, as, in case Mr. Stephenson was required to act for Mr. Lee, the question of an extra allowance to the former would again crop up.

Proceedings of the Madras Government, Financial Department,
8th July 1874.

Deferring for awhile the consideration of this question, Mr. Gantz proposed the following resolution which was seconded by Mr. Viziarungum Moodelliar and unanimously carried :—

1. That the Government be requested to appoint an Engineer Officer as a Member of the Municipal Commission, so that both the Water Supply and Drainage Committees may be presided over by a gentleman of scientific attainments.

Resolution 3.

2. Resolved, also, that the following gentlemen be added to the Drainage Committee :—

Hon. V. Ramiengar, C.S.I.
Mr. Y. Vencataramiah Garu.
Mr. J. P. Nicholas.
Dr. W. J. vanSomeren.

Mr. Gantz then referring to the Officiating President's inquiry, suggested the advisability of relieving Mr. Lee from all ordinary municipal works until he had completed his report on Drainage. The Commissioners were not disposed to detach him from the Water Works, but some relief should be conceded, and he (Mr. Gantz) thought that the control of the Engineer's Department might for a time be withdrawn from Mr. Lee, and that that was the view taken by the Drainage Committee at their last Meeting.

Mr. Kristnama Charriar observed that considering the shortness of the time required by Mr. Lee for preparing the general sketch of his scheme, viz., four or five weeks, there seemed to be no necessity for any special arrangement or an extra allowance to any one for this short duration. It did not look well to do now what would have the effect of quashing the principles already affirmed by the Commissioners. They could not give all the year round an extra allowance and establishment on account of great exceptional work as might come in once or so in a year, and after all for a few weeks. Mr. Lee was the head of the Engineer's Department, and he knew how to arrange about the details of the work to be done by his Assistant and other subordinates during the next few weeks, and it was the duty of the latter to do what he prescribed; such internal arrangements were not matters for the consideration of the Commissioners, but should be left to the judgment of the Executive Engineer himself; and he (Mr. Kristnama Charriar) would remind the Meeting of the manner in which Mr. Lee and Mr. Stephenson had been working before Mr. Lee had been told off altogether for the Water Works three or four years ago.

The Meeting then terminated.

(Signed) J. G. COLEMAN,
Offg. Presdt., Muni. Commn.

No. 84. ORDER THEREON, 8th July 1874, No. 1130.

The Governor in Council trusts that the promised report of the Executive Engineer respecting a scheme of Drainage for the Town of Madras will be submitted with the least possible delay.

2. Paragraph 3 of the Officiating President's letter will be considered in the Public Works Department. Inquiry will also be made of that Department whether

Proceedings of the Madras Government, Financial Department,
8th July 1874.

there is any objection to the appointment of the District Engineer, Presidency, as a Member of the Municipal Commission.

Acting Chief Secretary.

To the Public Works Department.
" Officiating President of the Madras Municipal Commission.

Exd. J. Wright.

Govt. of Madras.

FINANCIAL.

To

THE PUBLIC WORKS DEPARTMENT,
&c., &c., &c.

Dated July, 8th.

Read.

G.O., 8th July 1874, *No.* 1130.

JULY.
Nos. 83-84.

Madras Municipality.—With reference to the Proceedings submitted by the Officiating President of a Special General Meeting of the Commissioners the hope expressed that the promised report of the Executive Engineer respecting a scheme of Drainage for the Town of Madras will be submitted with the least possible delay. The request of the Commissioners for the temporary services of an upper subordinate of the Public Works Department referred for consideration in that Department, as also whether there is any objection to the appointment of the District Engineer, Presidency, as a Member of the Municipal Commission.

PROCEEDINGS of a Special Meeting of the Municipal Commissioners for the Town of Madras, held at their Office premises, No. 22, Errah Bauloo Chetty Street, Black Town, on Wednesday the 3rd June 1874, at noon, under the Madras Municipal Act IX. of 1867, to consider the following subjects :—

1*st*.—To take into consideration the steps to be taken for the preparation of a scheme for draining Madras in connection with G. O. 25th April 1874, No. 697, "requesting that the President will report what is the precise position of the drainage project."

2*nd*.—Proceedings of the Drainage Committee with reference to the above.

PRESENT.

J. G. Coleman, Esq.—*Officiating President.*
Cowasjee Eduljee, Esq.
J. W. Gantz, Esq.
Hyder Jung Bahadoor, Esq.
C. Kalyanasoondrum Chettiar, Esq.
V. Kristnama Charriar, Esq.
Meer Hoossain Ally Khan, Esq.
Honorary Surgeon Moideen Sheriff.
J. P. Nicholas, Esq.
P. Somasoondrum Chettiar, Esq.
Y. Vencataramiah Garu, Esq.
P. Viziarungum Moodelliar, Esq.

There not being a sufficient number of Commissioners present to form a quorum, the Officiating President adjourned the Meeting to Thursday the 4th June 1874, at 4 o'clock P.M., as provid d in Section 23 of the Madras Municipal Act IX. of 1867.

Proceedings of an adjourned Special Meeting of the Municipal Commissioners for the Town of Madras, held at their Office Premises, No. 22, Errah Bauloo Chetty Street, Black Town, on Thursday the 4th June 1874, at 4 o'clock P.M., under the Madras Act IX. of 1867.

PRESENT.

J. G. Coleman, Esq.—*Officiating President.*
Cowasjee Eduljee, Esq.
J. J. D'Rozario, Esq.
J. W. Gantz, Esq.
Cyrus Grant, Esq.
Hyder Jung Bahadoor, Esq.
C. V. Iyasawmy Moodelliar, Esq.
C. Kalyanasoondrum Chettiar, Esq.
V. Kristnama Charriar, Esq.
Meer Hoossain Ally Khan, Esq.
Honorary Surgeon Moideen Sheriff.
J. P. Nicholas, Esq.
P. Somasoondrum Chettiar, Esq.
Y. Vencataramiah Garu, Esq.
P. Viziarungum Moodelliar, Esq.

The Officiating President opened the Meeting by reading the following Minute :—

GENTLEMEN,—The subject that is to engage your attention to-day is one of such importance, that I have found it necessary to convene a Special Meeting for its consideration. The drainage of Madras has often attracted the attention of the Commissioners, though no definite steps have hitherto been taken to secure a thoroughly workable scheme. I am in hopes that the deliberations of this day will enable the Municipality to put before the public, within a few months, such a scheme as shall meet with the approval of the Commissioners and of the scientific officers of Government.

The Government Order circulated on the 1st instant refers to two of my letters, which I shall now read to you.

E No. $\frac{315}{572}$.

MUNICIPAL COMMISSIONERS' OFFICE,
Madras, 19th May 1874.

To the Chief Secretary to Goverment,
Ootacamund.

SIR,—I have the honour to acknowledge receipt of Government Order No. 697 of the 25th April 1874, calling on me to report "what is the precise position of the Drainage Project," and, in reply, to state that Mr. Standish Lee, the Executive Engineer of the Municipality, has been for some time collecting information for preparing a scheme, but, owing to his time being much taken up with the Water Works and other general duties, he has had no time to mature his plans.

2. Mr. Lee's intimate acquaintance with the physical features of Madras will, I have no doubt, enable him to prepare a satisfactory project within a very short period, if he is told off to this special duty with an efficient staff to assist him in taking levels and making plans. I have called a Meeting of the Drainage Committee for the 20th instant, with the view of obtaining their opinion as to what course should be taken to ensure the rapid completion of the scheme, and will bring the subject again before the Commissioners at the General Meeting to be held about the end of next month.

3. You will observe by the Proceedings at the last Meeting, that, although the drainage was alluded to by me, no discussion ensued.

I have, &c.,
J. G. COLEMAN,
Offg. President, Municipal Commission.

On the 23rd May, I again addressed Government.

E No. $\frac{335}{665}$.

MUNICIPAL COMMISSIONERS' OFFICE,
Madras, 23rd May 1874.

To the Chief Secretary to Government,
Ootacamund.

SIR,—In continuation of my letter No. $\frac{315}{572}$, dated 19th instant, I have the honour to inform you that, at the Meeting of the Drainage Committee held on the 20th instant, it was resolved that the Executive Engineer to the Municipality, Mr. S. Lee, who has already devoted considerable time and labour to the subject, shall be instructed to prepare a scheme (limited in the first instance to Black Town), and that Rupees 294 per mensem be sanctioned for a temporary Establishment of Surveyors, Draughtsman, &c.

2. Mr. Lee stated that he hoped to be able to submit a scheme within about four months and, considering the urgency of the question, I have now called a Special Meeting of the Commissioners for the 3rd proximo, to confirm the above resolutions.

3. The Proceedings of this Meeting will be forwarded to Government in due course.

I have, &c.,
J. G. COLEMAN,
Offg. President, Municipal Commission.

More detailed information could not be given by me. I found that our Executive Engineer had once or twice been asked to give his views on a Drainage Scheme for Madras, but no assistance was allowed him, nor was he relieved of any portion of his duties in connection with the Water

Works, and, therefore, he has had no opportunity for preparing his project. As far as I can learn, all that Mr. Lee has been able to do, has been to obtain a thorough knowledge of the physical features of Madras, the present system of drainage, and of all the schemes that have been prepared for the last twenty or thirty years.

Mr. Loch has long been anxious to get an assistant for the Water Works and to tell Mr. Lee off for the preparation of a Drainage Scheme. Government has been asked, more than once, for the services of an upper subordinate, but none could be spared, and, although the Commissioners sanctioned Rs. 300 a month, for the current year, as salary for such an assistant, no competent person has hitherto come forward.

There is an impression that, because Mr. Woollar's works are finished, the Water Works are at an end. The work in that Office is, however, still very heavy. Extensions have to be considered, applications for additional fountains to be examined and reported on; the pipes and fountains have to be kept in repair; and the number sanctioned, constructed. The bills examined and passed during the last two months are placed on the table and number 589; the letters despatched during the same period are 394, and, in addition to these, the daily returns of the Head Turnkeys and Walkmen have to be scrutinized, and the diaries of the Foreman and Overseers examined, the Store Indents passed, and Receipts and Issues of Stores checked. These are simply the major heads of work, but I can assure you, gentlemen, that from the personal knowledge I have had, I am convinced that the Water Works Office requires the undivided attention of one Officer. I have been particular to mention these details, to prove to you that unless Mr. Lee is partially aided by a competent assistant in the Water Works, we cannot expect him to prepare the Drainage Scheme.

I would suggest that Government be again addressed for the loan of a subordinate to be employed on the Water Works.

As regards the 2nd, 3rd, and 5th paras. of the Order of Government last circulated to you, I have to draw your attention to a letter received from our Executive Engineer, which I shall now read to you.

No. $\frac{406}{727}$

MADRAS MUNICIPALITY, EX. ENGR.'S OFFICE,
Madras, 2nd June 1874.

To J. G. COLEMAN, ESQ.,
Offg. President, Madras Municipality.

SIR,—With reference to G. O. No. 934 of the 30th May 1874, I beg to be permitted to offer the following explanation. Major Tulloch was allowed the establishment entered in the margin, and it occupied 50 months of the undivided attention of that Officer, with an Establishment costing Rs. 609 per mensem to prepare a Drainage Scheme.

From August 1863 *to Oct.* 1867,

	Rs.	A.	P.
Supervisor ...	180	0	0
Surveyor ...	60	0	0
6 Lascars at Rs. 6.	36	0	0
4 Peons at Rs. 7 ...	28	0	0
Accountant ...	35	0	0
Draughtsman ...	30	0	0
	369	0	0
For 50 months ...	18,450	0	0
For 18 months			
3 Draughtsmen at Rs. 50 ...	150	0	0
3 do. at Rs. 30	90	0	0
	240	0	0
For 18 months ...	6,720	0	0
Grand Total ...	25,170	0	0

	Rs.	A.	P.
2 Surveyors at Rs. 60 ...	120	0	0
4 Draughtsman ...	50	0	0
1 do. ...	30	0	0
1 Clerk ...	30	0	0
10 Lascars at Rs. 5	50	0	0
2 Peons at Rs. 7 ...	14	0	0
	294	0	0

2. The Establishment I asked is also entered in the margin (for comparison), and its cost was Rs. 294 per mensem, for a period of about four months.

3. It was not, therefore, my intention to go over the whole ground traversed by Major Tulloch, which work occupied years, but to utilize his levels to the utmost. The surveyors were for running check levels and for verifying the bench-marks of Major Tulloch's levels. In the former scheme it was proposed to allow the whole of the sewage to flow into one Main drain to run from south to north of Madras, and then to lift it by powerful Steam-Machinery of 72 horse-power, which, with the Engine-house was to cost Rs. 1,78,000 and Rs. 22,792 annually, as working expenses.

4. In what I am going to propose, there will be a Main drain for each physical district of Madras, and there will be high-level and low-level sewers in each district. The object kept in view being, to take away as much of the sewage as possible by gravitation, and to lift only that which cannot otherwise be discharged. Major Tulloch's scheme poured the sewage into the sea, but now it is proposed to utilize it on Farms.

5. These differences will necessitate the running of level lines which are not on Major Tulloch's plans, and hence the necessity also for Surveyors. As regards the Draughtsmen, the plans and levels of Major Tulloch's scheme are very numerous and I thought it would be a waste of time for me to spend a month or so in making myself acquainted with them and arranging them for use. If men on small salaries are engaged on this work, time would be saved, and I could readily obtain from them the levels of each street as I proceed with my calculations, for determining the size and fall of each sewer. An intelligent clerk is also necessary, to copy my report as it proceeds and to assist generally in checking the calculations of quantities of work estimated for, &c.

6. If, however, what is required at present is simply a report embodying my views on the subject of Drainage, I shall send it in as expeditiously as possible, though, even in this case, the assistance of a draughtsman and clerk would facilitate matters.

I have the honour to be,
Sir,
Your most obedient Servant,

STANDISH LEE,
Executive Engineer.

It appears to me, from Mr. Lee's showing that, if economy is to be studied and Mr. Lee's services employed to the best advantage, he should have proper assistance. That is, if his preliminary report is to be based on facts and figures and not to form simply an essay on Drainage.

MR. GANTZ then said that the only portion of Mr. Lee's letter which demanded the attention of the Commissioners was the concluding para. He there states that he will soon be able to send in his report, if what is required is simply a report embodying his views on the subject of drainage. But what the Government required from the Executive Engineer are *his views on the drainage project*,—not his views on the subject of drainage generally, nor an essay on drainage, as it is elsewhere termed—and the probable expenditure needed to work out the details of such a project. This, then, is what is required of Mr. Lee—a clear and definite statement of his views on the drainage of Madras, limited in the first instance to Black Town as an important section of the Municipality, bearing in mind that the plan should be capable of adaptation to the other divisions so that one uniform system may prevail throughout. An outline of his scheme is what the Government require preliminarily—plans and an estimate to be prepared when the scheme had received the approval of the Commissioners and the sanction of Government.

MR. KRISTNAMA CHARRIAR shared generally in the views expressed by Mr. Gantz. It was clear that the Government were not convinced by the papers sent up to them of the expediency of the Commissioners incurring any expenditure on establishment before the leading idea of Mr. Lee's plan is put on paper for consideration, and he (the speaker) thought, the view taken by Government to be correct. When the subject had been brought before the Drainage Committee a fortnight ago, they found the question to be one of exceptional difficulty and embarrassment. On the one hand they felt that the hour had come for immediate action, considering the length of time the Drainage Scheme had been under discussion. On the other hand he, as one of the Members of that Committee, was not in favour of incurring any large expenditure for an indefinite time, simply to get a scheme on paper the success of which there was no certainty about, nor was he in favour of telling Mr. Lee off from the Water Works. But after anxious consideration the Committee thought it expedient to yield in some degree to the representations of Mr. Lee, as they were very strongly supported by the Presidency Resident, and passed the Resolutions, copies of which the Commissioners had already received and read. But now that the views of the Government were made known to the Commissioners, it would not do to ignore them when the substantial aid of Government was required in this important matter. The Commissioners should take their stand upon the Government Order and require Mr. Lee to prepare a general sketch which was all that was wanted in the first instance of his plan of Drainage. Nobody wanted, or could reasonably demand over exactness in the figures to be given in Mr. Lee's first outline scheme. For all intents and purposes the elaborate levels and plans of Colonel Tulloch's scheme seemed sufficient; and with the benefit of these and other information already on record in connection with the levels for the Water Works, and with such help as may be made available from the existing establishment, he thought Mr. Lee, with his intimate acquaintance with the physical features of Madras, and his special study of its drainage for some years past, might be well expected to submit such a general sketch as a preliminary step. Mr. Kristnama Charriar would not be so parsimonious as to deny to Mr. Lee the help of one Draughtsman and one Clerk which he wanted in the closing para. of his last letter on the subject. But this assistance he (the speaker) said he was sure could be had from the existing establishment, as the President might easily arrange to spare a clerk from the General Department and a Draughtsman from the large staff of Overseers belonging to the Engineer's and Sanitary Departments, some of whom seemed often to be only hindering each others work. Speaking of this help from one department to another on such an emergency, Mr. Kristnama Charriar wished to urge that the different branches of the Municipal Office and of the Engineer's Department itself must pull well together and not act at arm's length departmentally. The Commissioners must get rid of that intense Departmentalism against which they had been struggling for some time past. One officer must have the support of another, and all the departments must be made to give mutual help. But here the same department was sadly split up into branches with separate heads and establishments, and this tyranny of departments is a growing evil which must be checked to prevent the waste of money and the working power of the Municipality. Of course, each officer or subordinate must be responsible for some particular work, but they should all help generally when required on an emergency. This must be insisted on, and temporary arrangements might easily be made to give the assistance needed by Mr. Lee from the existing establishment without going to additional expenditure. All that was wanted was only a general sketch of a scheme and an approximate estimate of its probable cost, and this need not require much time or very elaborate work or great exactitude in figures. Mr. Kristnama Charriar was prepared to move a Resolution on the subject, but he would not do so at this early stage of the discussion.

MR. NICHOLAS asked what would be the result of rejecting Mr. Lee's plan. The Commissioners were at the mercy of only one officer and, he thought, that Government should be asked to assist them with an Engineer.

MR. MOIDEEN SHERIFF found the subject beset with many difficulties. He had prepared a Drainage Scheme to carry off the sewage into the sea.

THE OFFICIATING PRESIDENT here remarked that [illegible]

MR. Moideen Sheriff continued. He thought that Mr. Lee should be called upon to explain why he preferred the Sewage Farm plan. This was altogether a scientific subject, and he, as a medical man, was much interested in it. He then moved the following resolution:—

"I propose that the Executive Engineer of the Municipality should be requested to submit to the Commissioners, without any delay, his views on the most feasible method of draining the town of Madras, and the probable expenditure required for carrying out the same."

which was not seconded and was at a later stage of the Proceedings withdrawn.

Referring to Mr. Kristnama Charriar's observations the OFFICIATING PRESIDENT remarked that what Mr. Lee had asked was very little.

MR. VENCATARAMIAH observed that Mr. Lee's hands were still engaged with the Water Works, and if he were to be employed on the drainage scheme he will not have the opportunity to complete the Water Works, a circumstance which might eventually lead the Municipality into insolvency. He wished to know how long it would take Mr. Lee to complete those works. But what was remaining to be done was of a nature as not to demand Mr. Lee's personal attention. An ordinary man could be got from outside, and it would be well to send for Mr. Lee to enquire of him on all these points. He (the speaker) was certainly of opinion that if Mr. Lee is required to attend to the drainage scheme, he should be detatched from the Water Works. The Chairman had just said in his Minute that there is an erroneous impression that because Mr. Wolley's portion of the works was completed,

that, therefore, the whole was at an end. If so it might take another year to come to an end.

MR. GANTZ as a Member of the Water Works Committee asserted that the works in connexion with the supply of water to the Town of Madras was an accomplished fact.

MR. SOMASOONDRUM CHETTIAR observed that if the Water Works were completed, Mr. Lee has nothing more to do with them.

MR. GANTZ explained that the works, as a project, had been completed, and all that remained to be done was the construction of a few fountains here and there, which were works of a very ordinary nature.

The OFFICIATING PRESIDENT here read the following portion of his Minute, and observed that Mr. Lee must most undoubtedly continue his supervision of the Water Works.

"There is an impression that, because Mr. Woolley's works are finished, the Water Works are at an end. The work in that office is, however, still very heavy. Extensions have to be considered, application for additional fountains to be examined and reported on, the pipes and fountains have to be kept in repair, and the number sanctioned constructed. The bills examined and passed during the last two months are placed on the table and number 589, the letters despatched during the same period are 394 and, in addition to these, the daily returns of the Head Turnkeys and Walkmen have to be scrutinized, and the diaries of the Foreman and Overseers examined, the Store Indents passed, and receipts and issues of stores checked. These are simply the major heads of work, but I can as sure you, gentlemen, that from the personal knowledge I have had, I am convinced that the Water Works office requires the undivided attention of one officer. I have been particular to mention these details to prove to you that unless Mr. Lee is partially aided by a competent assistant in the Water Works, we cannot expect him to prepare the Drainage Scheme."

MR. VENCATARAMIAH was convinced of the necessity of asking Government for the services of one of its subordinates. The Commissioners were sadly in want of professional assistance in the Board. At the time the Water Supply Scheme was under consideration they had Colonel Silver and Captain Edgcome in the Commission, in whose scientific and professional skill the Commissioners could confide. But now they were without any such aid, and it was no shame to acknowledge that there was no member in the Board able to assist them on scientific matters. He had not the remotest intention to depreciate Mr. Lee's qualifications, but still held that the Commissioners should have professional element in the Board to advise them on schemes of a scientific nature. Tolls and Taxes were levied which oppressed the poor already, and it may be that the Drainage Scheme may launch the Municipality into a fresh debt, and as a consequence into the necessity for levying fresh taxes. He would, therefore, suggest that Government be asked to appoint a mixed Committee—such as that for revising the Act—composed of gentlemen of experience and professional skill, and place Mr. Lee's services at their disposal.

MR. MOIDEEN SHERIFF thought that the last speaker had told a good many things which were of no value, except the suggestion regarding the Mixed Committee, but even that could be taken into consideration when the Commissioners had got Mr. Lee's views. The drains, he said, should be useful both for sewage and rain water.

MR. KRISTNAMA CHARRIAR, referring to Mr. Vencataramiah's remarks, said that if Mr. Lee could be expected to give the Mixed Committee a general sketch it would be discreditable to that officer to say now that he could not do it. Mr. Lee was entitled to have a chance of submitting his views to the Commissioners who were now groping in the dark.

MR. GANTZ reiterated that all that was wanted as a preliminary step was simply Mr. Lee's present ideas and views. If the Commissioners could agree as to what was required they might send for Mr. Lee and ascertain from him all particulars. Professional advice was not required for such a preliminary step, and the Commissioners could ask Government to appoint a professional gentleman as Member of the Commission who could aid the Drainage Committee in arriving at a conclusion.

THE OFFICIATING PRESIDENT regretted that the Drainage of Madras was still only an idea, and that there was no scheme as yet. He deprecated the notion of asking Government to do the work—the Commissioners, he said, ought to do it themselves—while he could not agree to Mr. Lee's severance from the Water Works he was confident that Mr. Lee could, without being relieved entirely of the charge of the Water Works, draw up a proper Drainage Scheme. The fact that the Red Hills water was used by the inhabitants of Madras was an evidence of his abilities. He (the President) well remembered that when Mr. Lee's Water Works Scheme was under consideration it was severely criticised by a professional gentleman, who said that it could not by any possible means succeed, and advised against an extravagant waste of money. But what, he asked, were the results? A complete success; and looking to this fact he had no hesitation in saying that Mr. Lee would be able, provided he gets the assistance he needs, to produce a scheme which shall prove successful.

MR LEE having been called in and questioned on several points replied to the effect that since it, simply a general sketch of his (Mr. Lee's) ideas as to how Black Town should be drained, he would be able to submit it expeditiously if relieved from other works. He, however, explained that such a report would be worthless to test the practicability or otherwise of any scheme he may prepare. His present idea was to take away as much of the sewage as possible by gravitation; lift that which could not be otherwise discharged; and utilize the whole on a sewage farm. In the absence of levels he could not say what proportion of the sewage would gravitate, and whether ground at a reasonable distance from the Town could be obtained at a level that would allow of its being used for sewage irrigation.

After some further discussion, more or less of the foregoing tenor and import, MR. KRISTNAMA CHARIAR moved the following Resolution, which was seconded by Mr. Gantz:—

Resolution I.

1. That the Executive Engineer be requested to submit at an early date a general sketch which is all that is required in the first instance of his views with reference to the Drainage of Black Town, and the probable expenditure needed to work out the details of any scheme or schemes that he may be able to suggest, making use of Colonel Tulloch's levels and other information already on record for the purpose.

2. Resolved also that the Officiating President be requested to let Mr. Lee have the aid of a Draughtsman if practicable, and a Clerk from the existing establishment, making temporary provision for the work of the two men thus withdrawn, without entailing additional expense on the Municipality.

MR. VENCATARAMIAH proposed and Mr. Iyasawmy Moodelliar seconded the following amendment:—

Amendment to Resolution 1.

That the President, in communication with the Drainage Committee, be authorized to entertain such additional establishment for the preparation of a General Drainage Scheme, which as regards gravity and other Engineering purposes may bear a professional test.

Resolved also that the President be requested to ask Government to associate with the Drainage Committee one or two Government Engineers.

THE OFFICIATING PRESIDENT observed that the original Resolution was not in accordance with Mr. Loch's views which were in favour of Mr. Lee being allowed a small establishment.

MR. GANTZ replied that he knew nothing about those instructions and the Commissioners cannot be blamed if their Proceedings are in contravention of them. Even the Drainage Committee, he said, were not cognizant of Mr. Loch's views.

The Amendment was then put to the vote and lost, and the original Resolution was carried.

The following Resolution was next moved by Mr. NICHOLAS, seconded by Mr. Cowasjee Eduljee and carried:—

Resolution 2.

That Government be asked to place the services of an upper subordinate at the disposal of Mr. Lee, for employment on the Water Works during the time he is engaged on the drainage scheme, there being the necessary provision for the purpose.

THE OFFICIATING PRESIDENT wished to have the question of Mr. Lee's continuing to have the control of the Engineer's Department settled before the Meeting terminated, as, in case Mr. Stephenson was required to act for Mr. Lee, the question of an extra allowance to the former [illegible] for a while the consideration of this question, MR. GANTZ proposed the following Resolution which was seconded by Mr. Viziarungum Moodelliar and unanimously carried:—

Resolution 3.

1. That the Government be requested to appoint an Engineer Officer as a Member of the Municipal Commission, so that both the Water Supply and Drainage Committees may be presided over by a gentleman of scientific attainments.

2. Resolved also that the following gentlemen be added to the Drainage Committee:—

Honourable V. Ramiengar, C.S.I.
Mr. Y. Vencataramiah Garu.
Mr. J. P. Nicholas.
Dr. W. J. vanSomeren.

MR. GANTZ then referring to the Officiating President's inquiry, suggested the advisability of relieving Mr. Lee from all ordinary Municipal works until he had completed his report on Drainage. The Commissioners were not disposed to detach him from the Water Works, but some relief should be conceded, and he (Mr. Gantz) thought that the control of the Engineer's Department might for a time be withdrawn from Mr. Lee, and that that was the view taken by the Drainage Committee at their last Meeting.

MR. KRISTNAMA CHARRIAR observed that considering the shortness of the time required by Mr. Lee for preparing the general sketch of his scheme, viz., four or five weeks, there seemed to be no necessity for any special arrangement for an extra allowance to any one for this short duration. It did not look well to do now what would have the effect of quashing the principles already affirmed by the Commissioners. They could not give all the year round an extra allowance and establishment on account of great exceptional work as might come in once or so in a year, and after all for a few weeks. Mr. Lee was the head of the Engineer's Department, and he knew how to arrange about the details of the work to be done by his assistant and other subordinates during the next few weeks; and it was the duty of the latter to do what he prescribed, such internal arrangements were not matters for the consideration of the Commissioners, but should be left to the judg[illegible] of the Executive Engineer himself, and remind the Meeting of the manner in which Mr. Lee and Mr. Stephenson had been working before Mr. Lee had been told off altogether for the Water Works three or four years ago.

The Meeting then terminated.

Offg. President, Municipal Commission.

S.C. No. 1130

Rec'd 23rd Sept 1874
Rec'd 1236/74

G. No. 89. Municipal Commissioners' Office
Madras 13th June 1874.

From.

J. G. Coleman Esqre.
Officiating President Municipal Commissioners
Madras.

To,

The Honorable D. F. Carmichael.
Acting Chief Secretary to Government.
Ootacamund.

Sir,

I have the honor to forward for the information of the Right Honorable the Governor in Council the Minutes of the Proceedings of a Special General Meeting of the Municipal Commissioners for the Town of Madras held on the 3rd and adjourned to the 4th Instant, convened with special reference to the Order of Government, Financial Department, dated 25th April 1874, No. 697, requesting to be informed what is the precise position of the Drainage project.

2. There was a lengthy and somewhat animated discussion chiefly upon the question of what Mr. Lee, the Executive Engineer, should be required to submit in compliance with

with the Order of Government, and it was evident that the Commissioners viewed the subject of Drainage as of paramount importance - It was however finally resolved "That the "Executive Engineer be requested to submit "at an early date a general sketch, which is "all that is required in the first instance, of his "views with reference to the Drainage of Black "Town, and the probable expenditure needed "to work out the details of any scheme or schemes "that he may be able to suggest, making use of "Colonel Tulloch's levels and other information "already on record for the purpose."

3. The Commissioners finding it necessary to relieve Mr. Lee in some measure from the charge of the Water Works, Resolved to request Government for the services of an efficient upper Subordinate of the Department of Public Works - I have therefore the honor to request that His Excellency the Governor in Council will be pleased to sanction the transfer of a Subordinate to the Municipality as soon as possible, for such time as Mr. Lee may be engaged on the Drainage Scheme - The Subordinate will receive a salary of Rs 200 a month -

† "That Government "be asked to place the "services of an Upper "Subordinate at the "disposal of Mr. Lee, "for employment on the "Water Works during the "time he is engaged on the "drainage scheme, there "being the necessary "provision for the purpose."

4. Government will observe from the remarks made by some of the Commissioners - in which the rest shared - that the want of a professional member in the Commission is much felt, which led to the adoption of the following Resolution -

"That the Government be requested to "appoint an Engineer Officer as a Member of "the Municipal Commission, so that both the "Water Supply and Drainage Committees may "be presided over by a gentleman of scientific "attainments."

Government will doubtless recognize the necessity for professional element in the Commission - I have therefore the honor to request that His Excellency the Governor will be pleased to appoint an Engineer Officer to the 5th Division where a vacancy now exists -

I have the honor to be,

Sir,

Your most Obedient Servant,

J Solomon

Offg President

Municipal Commissioners

Financial Department

PROCEEDINGS of the MADRAS GOVERNMENT.

Read the following letter from the Offg: President of the Municipal Commissioners, Madras, dated 13th June 1874, No 89.

Order thereon of dated 8 July 1874 No 1130.

The Governor in Council is disappointed with the result of the meeting of the Municipal Commissioners in respect of the drainage scheme of the town of Madras. He will, however, await the promised report of the Executive Engineer.

2. Paragraph 3 of the Officiating President's letter will be considered in the Public

Financial 1874 Proceedings
From
The Offg President & Municipal Commissioners
Madras
To
The Secy to Govt
Fort St George

Dated 13th June
Received 15th —

No 89

Ex Enclosure. 1 V

Dy 1236.

Forwarded the Minutes of the Proceedings of a Special Council Meeting of the Municipal Commissioners held on the 3rd and adjourned to the 4th June 1874.

No 83

Public Works Department. Enquiry will also be made of that Department whether there is any objection to the appointment of the District Engineer, Presidency, as a Member of the Municipal Commissioner.

25/6

To

The Public Works Dept.
— Offg. President of the
Madras Munl. Comrs.

dispd 16/7

47 LEO

26/3/74.

Govt. of {1874} Madras.

Monday

Financial VI

To

The Public Works Dept:

Dated July 8 } 1874, No. 1130.
Recd. }

Nos. 83. 84.

Madras Munny. With ref. to the Pros. submitted by the Off9. Prest. of a Special Genl. Meeting of the Commrs. the hope expressed that the promissed report of the Executive Engineer respecting a Scheme of drainage for the Town of Madras will be submitted with the least possible delay. The request of the Commrs for the temporary

Services of an Upper Subordinate of the P. W. Dept. referred for Consideration in that Dept: as also whether there is any objection to the appointment of the Dist. Engr. Presy. as a Member of the Munl. Commrs.