Local & Munl. (1895) Department.

PRINTED.

G.O., No. 2073 M

DATED 9th December 1895.

NB
Notes will be
printed on
release of G.O.
from file.

[Despatch Abstract.]

Establishment.

Passing orders about the appointment of an additional Assistant Sanitary Engineer and ordering that the execution of the next water-supply and drainage scheme be entrusted to the Public Works Department.

BACK PAPERS.

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

FURTHER PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.
Cm.	122	L/96				
Cm.	499	M/96				

Government of Madras.

LOCAL AND MUNICIPAL DEPARTMENT.

Recd.	1895.	*Enclosures*
Regd.		*Spare copies*

G.O., No. 2073 M., 9th December 1895.

Establishment.

Passing orders about the appointment of an additional Assistant Sanitary Engineer and ordering that the execution of the next water-supply and drainage scheme be entrusted to the Public Works Department.

GOVERNMENT OF MADRAS.

LOCAL AND MUNICIPAL DEPARTMENT.

Read—the following papers:—

I

Letter—from J. A. Jones, Esq., mem. inst. c.e., f.r.s.e., Sanitary Engineer to Government.
To—the Chief Secretary to Government.
Dated—Fort St. George, the 3rd April 1895.
No.—929.

I have the honour to inform you that I find the work of this office so heavy that if I am in any way to keep up to date the work I am called on to perform I require some additional assistance. As Government are aware I have only the Assistant Sanitary Engineer at head-quarters, and both of us are fully occupied with office work referring to construction, preparation of designs for new works and of inspection of existing works which leave very little time indeed to study any proposed scheme on the ground. Indeed, justice cannot be done to any particular scheme owing to the small space of time which can be allotted to it.

2. I have prepared a statement of the work I am supposed to get through this year—that is, before 1st January next—and very little has been done.

3. Where I require assistance most is in the investigation of new schemes. It will be seen some councils have given allotments for such purpose, but these only allow of my sending a surveyor and party to take levels, etc., and the investigation and consideration of the scheme, the selection of sites for sources of supply, outfall, etc., must be previously done by my assistant or myself, and we positively have not the proper time to devote to them which such important consideration requires.

4. The two other Assistant Engineers (not on the provincial list) whom I have at present are on works under construction, and if Government could see its way to giving me permanently an Assistant Engineer on Rs. 450 a month for the purposes I have noted above, it would go a long way to helping me to give schemes and projects the due investigation which they require.

5. I believe that the Chief Engineer, Public Works Department, if referred to, will consider that I cannot do justice to my work at present, and I am also certain that Government will consider that either less work should be given to the department or a sufficient staff for executing it properly provided.

Enclosure.

SANITARY ENGINEER'S DEPARTMENT.

(1) *Works in progress.*

1. Madura water-supply.
2. Tanjore ,,
3. Trichinopoly water-supply.
4. Adóni water-supply.

(2) *Works to be begun in 1895.*

	Grant. RS.	Loan. RS.	Total. RS.
1. Dindigul water-supply	40,000	33,000	73,000
2. Kurnool ,,	1,34,730	56,220	1,90,950
3. Conjeeveram ,,	91,000	91,000	1,82,000
4. Ootacamund ,,	45,000	..	45,000
5. Coonoor ,,	..	80,000	80,000
6. Tirupati ,,	40,000	40,000	80,000
7. Cuddapah drainage	74,270	..	74,270

(3) *Schemes to be submitted to Government during 1895.*

1. Negapatam water-supply.
2. Tirupati water-supply.
3. Salem water-supply.
4. Calicut water-supply.
5. Cuddapah drainage.

(4) *Schemes to be investigated and Municipalities requested to provide the sum noted for surveys and investigation.*

1. Calicut water-supply—		
Pooloor hill scheme	3,000	Not provided.
Or testing the yield of Mananchera tank	500	
2. Guntúr water-supply	500	Provided.
3. Kumbakónam water-supply	1,500	,,
4. Negapatam water-supply	1,500	
5. Salem water-supply	2,000	,,
6. Tinnevelly municipality joint water-supply	400	,,
7. Palamcottah municipality joint water-supply	300	
8. Tinnevelly district board joint water-supply	300	
9. Tirupati water-supply	500	,,
10. Vizianagram drainage	600	,,
11. Bellary water-supply	2,000	

(5) *Reports required by Government on the Water-Supply or Drainage of the following towns.*

1. Mannárgudi water-supply.
2. Masulipatam water-supply and drainage.
3. Cochin water-supply.
4. Mangalore water-supply.
5. Erode water-supply.
6. Vellore water-supply.
7. Máyavaram water-supply.
8. Ongole water-supply.
9. Periakulam water-supply.
10. Kodaikánal water-supply.
11. Ellore drainage.
12. Madura surface drainage.

(6) *Sanitary Engineer to advise the following Councils on the points named.*

1. Ootacamund—Bandy Shola swamp.
2. Kumbakónam drainage.

In addition all Sanitary Board's work such as Ootacamund, Cuddapah and Coonoor schemes and scrutiny of plans and estimates for sanitary work costing over Rs. 200.

II

Letter—from J. A. Jones, Esq., mem. inst. c.e., f.r.s.e., Sanitary Engineer to Government.
To—the Chief Secretary to Government.
Dated—Fort St. George, the 10th April 1895.
No.—1037.

In continuation of my No. 929 of 3rd April 1895, I have the honour to inform you that this application was not made at the time or before my budget was submitted to Government because of my absence on leave and because it could not be anticipated that the department would be called upon to carry out such a large amount of construction nor to submit so many reports and schemes as it now is requested to do.

2. It would centainly be advisable that the charge for the Assistant Engineer should be a permanent one against Provincial revenues, because the work will increase and not diminish and an officer is really very necessary; but if there is a difficulty in at once providing for his pay, I would ask that it be temporarily arranged that the pay drawn shall be eventually recoverable from municipalities and that when an estimate is framed for the construction of works, which the officer has been investigating, an amount shall be added to the estimate to cover the expense of such investigation.

3. It would not be possible to cover all his pay in this way as there might be investigations leading to no work whatever, but as a temporary arrangement the pay might be debited to advances recoverable and any balance irrecoverable eventually written off when Government makes provision in next budget, as I trust will be done, for the officer asked for.

No. 658.

Referred to the Chief Engineer, Public Works Department, for favour of remarks.

(By order.)

Ootacamund,
9th May 1895.

C. G. Todhunter,
Ag. Assistant Secretary.

Note by the Chief Engineer, Public Works Department, dated 7th June 1895, *No.* 318-*D.*

I am quite satisfied that the Sanitary Engineer requires more subordinate assistance than he at present possesses, and that the additional staff asked for by him is by no means in excess of requirements.

2. At the same time, I am bound to say that I do not consider that an establishment, organised as the Sanitary Engineer's is, can ever cope satisfactorily with the constantly varying work which devolves upon it.

3. With the additional Assistant Engineer which Mr. Jones now asks for, his staff will consist of two permanent Assistants and two temporary ones, all on very nearly the same rate of pay (Rs. 400 to Rs. 500); this obviously does not allow of the regularly progressive increase of responsibility with corresponding increase of pay and position which is essential for the proper working of an organised establishment.

4. A man joining this staff must look forward to a long period of stagnation with the possible chance of a single big step of promotion; good men will not remain in any service on these terms, and the result will certainly be that very few good men will enter it, or, if they do enter it, it will be with the intention of looking out for other employment as soon as they become of real value in their profession.

5. It is, of course, possible for Government to make it worth the while of any individual to remain in its service by periodically increasing his pay, but as the nature of his work, from the conditions of the case, remains much the same, this means that his pay bears no proportion to his work, nor is the latter of a kind to satisfy a man who has any professional pride.

6. This state of affairs is a necessary consequence of the nature of the work carried on by the Sanitary Engineer's establishment, and as long as this establishment remains isolated, it will be filled by men who will either (and most frequently) be of very small professional ability, or who will join it with the deliberate intention of leaving it after a very short time.

7. The engineering work of the Sanitary Engineer's Department can only be placed on a satisfactory footing by its amalgamation with the Public Works Department, which is organised in such a manner as to provide the continuous increase of responsibility referred to in paragraph 3 of this note, and whose staff is sufficiently large to be practically unaffected by fluctuations in the work required of it, which would completely disorganise a smaller staff. It is obvious that an increase or reduction of work which would involve a complete readjustment of a staff of five men would be practically imperceptible by a staff of eighty.

8. The municipalities concerned would certainly have to pay no more than they do at present if the whole work of construction was handed over to this department under its regular rules, while they would gain greatly by the professional supervision which the departmental organisation gives, and which, with the best will in the world, the Sanitary Engineer cannot give at present.

9. I invite attention in this connection to my Notes, dated 23rd April and 8th May 1894, transferred to the Local and Municipal Department with endorsements, Nos. 44-D and 119-D, dated 25th April and 8th May 1894, respectively.

J. Pennycuick, Col., R.E.,
Chief Engineer, P.W.D.

No. 319-*D, dated 7th June* 1895.

Transferred to the Local and Municipal Department with reference to endorsement in that department, No. 658, dated 9th May 1895.

J. Pennycuick, Col., R.E.,
Secretary to Government, P.W.D.

III

Memorandum No. 604, dated 2nd May 1895.

The Sanitary Engineer is requested to state what action it is proposed to take on paragraph 12 of the Chief Engineer's note disposed of in G.O., No. 566 M., dated 28th March 1895, in which Colonel Pennycuick remarks that Mr. Minchin's present charge is too heavy for one man and suggests that he should be relieved of the charge of the Madura and Dindigul projects.

J. F. Price,
Chief Secretary.

IV

Letter—from J. A. Jones, Esq., mem. inst. c.e., f.r.s.e., Sanitary Engineer to Government.
To—the Chief Secretary to Government.
Dated—the 3rd May 1895.
No.—1247.

In reply to your memorandum No. 604 of 2nd May 1895, I have the honour to inform you that I regret that I cannot relieve Mr. Minchin of his work at Dindigul and Madura as I have no one to take his work over. The work at Madura consists merely in supervising the working of the engines, pumps and head-works and of inspecting the state of the mains, valves, fountains, &c., from time to time. The works at Dindigul are just about to be begun, and though I propose to place a Supervisor in immediate charge, he must work under Mr. Minchin. Tanjore works are, however, approaching completion, and although it will be some time yet before they are in full working order, still the work in connection with Tanjore will be greatly reduced.

2. I could relieve Mr. Minchin of Madura to some extent by sending Mr. Turner, the Boiler Inspector, there occasionally, but the municipality might complain about the cost of such inspections if it is still proposed to debit them with the time spent by Mr. Turner on them.

3. It may be well to bring to the notice of Government that I consider that one Assistant Engineer will always be wanted (and more bye and bye) to continually inspect completed works as well as to aid municipalities in addition and repairs to such works as water-supplies; otherwise I am convinced that the works will gradually be allowed to deteriorate for want of proper supervision, which the municipalities cannot obtain by any officer of their own.

4. If that very necessary supervision could be otherwise secured, then as waterworks were completed this department might sever all connection with them and they might be handed over to the councils at once; but this is a course I am very averse to suggesting to Government, and I therefore do not see how Mr. Minchin can be relieved of Madura.

No. 658.

Referred to the Chief Engineer, Public Works Department, for favour of remarks.

(By order.)

OOTACAMUND,
9th May 1895.

C. G. TODHUNTER,
Ag. Assistant Secretary.

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2. At the same time, I am bound to say that I do not consider that an establishment, organised as the Sanitary Engineer's is, can ever cope satisfactorily with the constantly varying work which devolves upon it.

3. With the additional Assistant Engineer which Mr. Jones now asks for, his staff will consist of two permanent Assistants and two temporary ones, all on very nearly the same rate of pay (Rs. 400 to Rs. 500); this obviously does not allow of the regularly progressive increase of responsibility with corresponding increase of pay and position which is essential for the proper working of an organised establishment.

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5. It is, of course, possible for Government to make it worth the while of any individual to remain in its service by periodically increasing his pay, but as the nature of his work, from the conditions of the case, remains much the same, this means that his pay bears no proportion to his work, nor is the latter of a kind to satisfy a man who has any professional pride.

6. This state of affairs is a necessary consequence of the nature of the work carried on by the Sanitary Engineer's establishment, and as long as this establishment remains isolated, it will be filled by men who will either (and most frequently) be of very small professional ability, or who will join it with the deliberate intention of leaving it after a very short time.

7. The engineering work of the Sanitary Engineer's Department can only be placed on a satisfactory footing by its amalgamation with the Public Works Department, which is organised in such a manner as to provide the continuous increase of responsibility referred to in paragraph 3 of this note, and whose staff is sufficiently large to be practically unaffected by fluctuations in the work required of it, which would completely disorganise a smaller staff. It is obvious that an increase or reduction of work which would involve a complete readjustment of a staff of five men would be practically imperceptible by a staff of eighty.

8. The municipalities concerned would certainly have to pay no more than they do at present if the whole work of construction was handed over to this department under its regular rules, while they would gain greatly by the professional supervision which the departmental organisation gives, and which, with the best will in the world, the Sanitary Engineer cannot give at present.

9. I invite attention in this connection to my Notes, dated 23rd April and 8th May 1894, transferred to the Local and Municipal Department with endorsements, Nos. 44-D and 119-D, dated 25th April and 8th May 1894, respectively.

J. PENNYCUICK, Col., R.E.,
Chief Engineer, P.W.D.

No. 319-D, dated 7th June 1895.

Transferred to the Local and Municipal Department with reference to endorsement in that department, No. 658, dated 9th May 1895.

J. PENNYCUICK, Col., R.E.,
Secretary to Government, P.W.D.

III

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J. F. PRICE,
Chief Secretary.

IV

Letter—from J. A. JONES, Esq., MEM. INST. C.E., F.R.S.E., Sanitary Engineer to Government.
To—the Chief Secretary to Government.
Dated—the 3rd May 1895.
No.—1247.

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4. If that very necessary supervision could be otherwise secured, then as water-works were completed this department might sever all connection with them and they might be handed over to the councils at once; but this is a course I am very averse to suggesting to Government, and I therefore do not see how Mr. Minchin can be relieved of Madura.

V

Office-note—from the Secretary to Government, Public Works Department.
To—the Chief Secretary to Government.
Dated—Madras, the 2nd November 1895.
No.—3268-C.

[Your office-note No.—, dated 22nd October 1895.]

There seems to have been some misunderstanding on this matter.

2. I have never contemplated any strengthening or increase to the regular staff of this department on account of the execution of works now carried out by the Sanitary Engineer, and had overlooked the sentence at the end of His Excellency's note of the 10th July which implies that His Excellency was expecting the submission of proposals for such strengthening; in any case, however, I could not have taken action on this note until the principle of the transfer had been accepted by Government and the acceptance embodied in an order.

3. What this department is prepared to do is to undertake the execution of any schemes or all schemes sanctioned by Government for construction on behalf of any municipality either under the general rule of a contribution for establishment of 24½ per cent. on the expenditure on works, exclusive of charges for land and stores imported from England, or on the special terms suggested in paragraph 11 of my note of the 8th May 1894, transferred to the Local and Municipal Department with endorsement, No. 119-D, of that date, namely, 12½ per cent. on the total of estimates for water-supply and 20 per cent. upon those for drainage.

4. The work could be carried out by the ordinary staff of the department under the rules governing works executed from funds other than Provincial, and any extra temporary establishment required in any individual case would be provided either by the Chief Engineer in the exercise of his ordinary powers or by a special order of Government in each case.

5. It is exceedingly improbable that any increase to the permanent establishment would be necessary; in this connection see paragraph 5 of my note of the 23rd January 1891, recorded with G.O., No. 1306 M. of 14th August 1891.

6. No action whatever is necessary in this department at present; all that is required is for the Local and Municipal Department to say in any particular case "The execution of this work will be undertaken by the Public Works Department" or to issue a general order that all works of a particular class will be so executed; we will do the rest.

J. PENNYCUICK, Col., R.E.,
Secretary to Government, P.W.D.

Order—No. 2073 M., dated 9th December 1895.

Under the circumstances stated by Mr. Jones, the Government is of opinion that the work of the Sanitary Engineer should be confined to investigating water-supply, drainage, etc., projects, and drawing up the necessary plans and estimates, which should be submitted to the Government through the Sanitary Board. The construction of the works, and obtaining the plant, required for the next project of this description to be carried out, will be entrusted to the Public Works Department.

2. With reference to reducing Mr. Minchin's charge, as proposed by the Chief Engineer in his note, dated 7th March 1895, embodied in G.O., No. 566 M., dated 28th March 1895, the Government considers that he cannot possibly be required to do the work of a Mechanical Engineer, but should be kept to his proper duties, which are those of a Civil Engineer.

3. The Government is not prepared to undertake the upkeep of water-works, etc., after they have once been started, but Municipal Councils must see that they are placed in charge of a competent man, who will be responsible for keeping them in order. The Government will only undertake to provide for their supervision and

inspection at stated periods by the Boiler Inspector, as laid down in G.O., No. 1615 M., dated 9th October 1895. Mr. Minchin should therefore be now relieved of his work at Madura where the water-works have already been opened, and of his work at Tanjore and Dindigul as soon as the works there are completed. As the Sanitary Engineer will then be able to avail himself of Mr. Minchin's services for other work, and as the duties of his establishment will be reduced, as stated in paragraph 1 *supra*, the appointment of an additional Assistant Engineer is unnecessary and cannot be sanctioned.

(True Extract.)

J. F. PRICE,
Chief Secretary.

To the Public Works Department.
,, the Joint Secretary, Sanitary Board (Engineering Branch).
,, the ,, ,, (Sanitary Branch).
,, the Sanitary Engineer
,, the Sanitary Commissioner.
,, all Chairmen of Municipal Councils.
,, all Collectors.
,, all Presidents of District Boards.
,, the President, Municipal Commission, Madras.

Local & Munl. (1898) Department.

CURRENT No. 1458 M.

From The Sanitary Engine
to Govt.

~~Order~~

Endorsement No. 696/11.6.98.

Referred to the Chief
gineer P. W. D for remarks.

(Sgd) A Edgington
y: Assistant Secretary.

No. 857

Dated 26.4.98

Received 27.4.98

Registered

Enclosures

Spare copies.

SUBJECT.

Inviting the attention of Govt. to the present mod of Carrying out Water And Drainage Scheme designed by this Dept.

Indeed justice cannot be done to any particular scheme owing to the small space of time which can be allotted to it.

2. I have prepared a statement of the work I am supposed to get through this year that is before 1st January next, and very little has been done.

3. Where I require assistance most is in the investigation of new schemes. It will be seen some Councils have given allotments for such purpose, ut these only allow of my sending a urveyor & party to take levels &c, and he investigation & consideration of he scheme, the selection of sites for ources of supply, outfall &c must be reviously done by my assistant or yself, and we positively have not e proper time, to devote to them hich such important consideration quires.

The two other Asstt Engineers Mr Murdoch
t on the provincial list) whom Mr Lockyer
I have at present are on works under construction, and if Government could see its way to giving me permanently an Asstt Engineer on Rs 450 a month for the purposes I have noted above it would go a long way to helping me to give schemes and projects the due investigation which they require.

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I have the honor to be,
Sir,
Your most obedt Servt

Sanitary Engr. to Govt.

Ms. 1026 L

1895

From

The Sanitary Engineer
to Government

To

The Chief Secy to Govt
Local & Mun^l Dept

No 929

Dated 3
Desp'd 4
Recd
} April 1895

Dis E.1
3600/95

Enc. 1

Subject

Submitting a statement of work that ~~the Sanitary Engineer~~ he has to do during 1895 and requesting to sanction ~~an~~ a permanency Assistant Engineer on Rs450 to enable him to do justice to the work as neither he nor his Assistant has the time required for investigation of schemes on the ground.

4/4/5

9/6

Enclosure

Sanitary Engineer's Department.

3

CHIEF SECRETARY
7 JUN. 1895
GOVERNMENT OF MADRAS

(1) Works in progress:-

1. Madura Water Supply
2. Tanjore Water Supply
3. Trichinopoly Water Supply
4. Adoni Water Supply

(2) Works to be begun in 1895:-

	Grant	Loan	Total
1. Dindigul Water Supply	40,000	33,000	73,000
2. Kurnool Water Supply	1,34,730	56,220	1,90,950
3. Conjeeveram Water Supply	91,000	91,000	1,82,000
4. Ootacamund Water Supply	45,000	"	45,000
5. Coonoor Water Supply	"	80,000	80,000
6. Tirupati Water Supply	40,000	40,000	80,000
7. Cuddapah Drainage	74,270	"	74,270

(3) Schemes to be submitted to Government during 1895:-

1. Negapatam Water Supply
2. Tirupati Water Supply
3. Salem Water Supply
4. Calicut Water Supply
5. Cuddapah Drainage

(4)

5

R. ~~1026 L~~

1895

From

The Sanitary Engineer
to Government

To

The Chief Secy to Govt
Local & Munl Dept

2

No 929

Dated 3rd
Despd 4th } April 1895
Recd

Rs E.1
3600/95

Enc. 1

Subject

Submitting a statement of work that ~~the Sanitary Engineer~~ he has to do during 1895 and requesting to sanction ~~an~~ a permanent Assistant Engineer on Rs450 to enable him to do justice to the work as neither he nor his Assistant has the time required for investigation of schemes on the ground.

4/4/5

9/1

Enclosure

Sanitary Engineer's Department.

CHIEF SECRETARY
7 JUN. 1895
GOVERNMENT OF MADRAS

3

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1. Madura Water Supply
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5.	Coonoor Water Supply	"	80,000	80,000
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7.	Cuddapah Drainage	74,270	"	74,270

(3) Schemes to be submitted to Government during 1895:-

1. Negapatam Water Supply
2. Tirupati Water Supply
3. Salem Water Supply
4. Calicut Water Supply
5. Cuddapah Drainage

(4)

3) Municipalities requested to provide the sum noted for surveys and investigation :—

1)	Calicut Water Supply Pooloor Hill Scheme or Testing the yield of Mananchera Tank	Rs 3000 — — 500 — —	not provided
2.	Guntur Water Supply	500 — —	Provided
3.	Kumbakonam Water Supply	1500 — —	— do —
4.	Negapatam Water Supply	1500 — —	
5.	Salem Water Supply	2000 — —	Provided
6.	Tinnevelly Municipality (Joint Water Supply)	400 — —	— do —
7.	Palamcottah Municipality (Joint Water Supply)	300 — —	
8.	Tinnevelly District Board (Joint Water Supply)	300 — —	
9.	Tirupati Water Supply	500 — —	— do —
10.	Vizianagram Drainage	600 — —	— do —
11.	Bellary Water Supply	2000 — —	

(5) Reports required by Government on the Water Supply or Drainage of the following towns :—

1. Mannargudi Water Supply
2. Masulipatam Water Supply & Drainage
3. Cochin Water Supply
4. Mangalore Water Supply
5 Erode Water Supply
6 Vellore Water Supply
7. Mayaveram Water Supply

8. Ongole Water Supply
9. Periyakolum Water Supply
10 Kodaikanal Water Supply
11. Ellore Drainage
12. Madura Surface Drainage

(b) Sanitary Engineer to advise the following Councils on the points named.

1. Ootacamund - Bandy Shola swamp.
2. Kumbakonam Drainage.

In addition all Sanitary Boards work such as Ootacamund, Cuddapah and Coonoor Schemes and scrutiny of plans and estimates for Sanitary Works costing over Rs 200/.

Office of Sany Engr to Govt }
Fort Saint George. 3rd April 1895 }

Sanitary Engineer to Govt.

lbh

Municipalities requested to provide the sum

Enclosure No. 1 to letter No. 929 of 1895

1895

From

The Sanitary Engineer
to Government.

Dated 3rd April 1895

Rs 92 / 3600 / 95

Statement of works to be done by the Sanitary Engineer during 1895

1026 / 95

S.E./6 19-3-95—1,000.

GOVERNMENT OF MADRAS.

No. 1027

OFFICE OF SANITARY ENGINEER,
Fort St. George, 10th April 1895.

Local [illegible] Dept.

From
J. A. JONES, Esq., MEM. INST. C.E., F.R.S.E.,
SANITARY ENGINEER TO GOVERNMENT,

To
The Chief Secretary to Government,
Local and Municipal Departmen

SIR,

In continuation of my No 929 of 3rd April 1895, I have the honor to inform you that this application was not made at the tim or before my budget was submitted to Government because of my absence on leave and because it could not be anticipated that the department would be called upon to carry out such a large amount of construction nor to submit so many repor and schemes as it now is requested to do.

2. It would certainly be advisable that the charge for the Assistant Engineer should be a permanent o[illegible] against provincial revenues beca[illegible] work will increase and not di[illegible]ish and an off is really very necessary, but if there is difficulty in at once providing for his pay

Municipalities requested to provide the sum

No. 1 Enclosure to letter No. 929 of 1895

1895

From

The Sanitary Engineer
to Government.

Dated 3rd April 1895

Rs 512
360/95

Statement of works
to be done by the Sanitary
Engineer during 1895

1026 7/95

S. E. / 6 19-3-95—1,000.

GOVERNMENT OF MADRAS.

No. 1027

OFFICE OF SANITARY ENGINEER,
Fort St. George, 10th April 1895.

Local & Municipal Dept
[illegible]

From

J. A. JONES, Esq., MEM. INST. C.E., F.R.S.E.,
SANITARY ENGINEER TO GOVERNMENT,

To

The Chief Secretary to Government,
Local and Municipal Departme

SIR,

In continuation of my No 929 of 3rd April 1895, I have the honor to inform you that this application was not made at the tim or before my budget was submitted to Government because of my absence on leave and because it could not be anticipated that the department would be called upon to carry out such a large amount of construction nor to submit so many repor and schemes as it now is requested to do.

2. It would certainly be advisable that the charge for the Assistant Engineer should be a permanent one against provincial revenues [illegible] cau but [illegible] work will increase and not dim[illegible]ish and an off is really very necessary, but if there is difficulty in at once providing for his pay

provide the sum

would ask that it be temporarily arranged that the pay drawn shall be eventually recoverable from Municipalities and that when an estimate is framed for the construction of works, which the officer has been investigating, an amount shall be added to the estimate to cover the expense of such investigation.

3. It would not be possible to cover all his pay in this way as there might be investigations leading to no work whatever but as a temporary arrangement the pay might be debited to advances recoverable and any balance irrecoverable eventually written off when Government makes provision in next budget as I trust will be done for the officer asked for.

I have the honor to be,

Sir,

Your most obedient servt.

Sanitary Engineer to Govt.

LBK

13

S.E./4 25-5-94—500.

~~Local & Municipal Dept.~~

~~CURRENT No. 1103 L~~

1895.

From

The Sanitary Engineer
to Government,

To

The Chief Secretary
to Government
Local & Munl Dept

No. 1037

Dated 10th }
Despd. 11th } April 1895.
Recd. 17 APR 95

Enc.

Subject.

Assistant Engineer

Submitting his reasons for not applying for an — ~~for this department~~ at the time of the submission of the Budget and suggesting certain measures to meet the additional expense,

W. E.

P. W. CURRENT No. 3600

6

TO BE RETURNED WITH REPLY

Encls 2

Recd: 6.5.95

Endorsement 658

Referred to the Chief Engineer, P.W.D. for favour of remarks.

(By order)

G Todhunter
Ag Asstt Secretary.
7.V.95

Ootacamund, }
9th May 1895 }

W/
10/5/95

ofs. 7

14

Local & Municipal Dept.
CURRENT No. 1579 L

Note by the Chief Engr. P.W.D.

No. 3180 d 7th June 1895

I am quite satisfied that the Sanitary Engineer requires more subordinate assistance than he at present possesses, and that the additional staff asked for by him is by no means in excess of requirements.

2. At the same time, I am bound to say that I do not consider that an establishment, organised as the Sanitary Engineer's is, can ever cope satisfactorily with the constantly varying work which devolves upon it.

3. With the additional Assistant Engineer which Mr. Jones now asks for, his staff will consist of two permanent assistants and two temporary ones, all or very nearly the

same rate of pay (Rs 400 to Rs. 500); this obviously does not allow of the regularly progressive increase of responsibility with corresponding increase of pay and position which is essential for the proper working of an organised establishment.

4. A man joining this staff must look forward to a long period of stagnation with the possible chance of a single big step of promotion; good men will not remain in any service on these terms and the result will certainly be that very few good men will enter it, or if they do enter it, it will be with the intention of looking out for other employment as soon as they become of real value in their profession.

5. It is of course possible for Govt. to make it worth the while of any individual to remain in its service by periodically increasing

his pay, but as the nature of his work, from the conditions of the case, remains much the same, this means that his pay bears no proportion to his work, nor is the latter of a kind to satisfy a man who has any professional pride.

6. This state of affairs is a necessary consequence of the nature of the work carried on by the Sanitary Engineer's establishment, and as long as this establishment remains isolated, it will be filled by men who will either (and most frequently) be of very small professional ability, or who will join it with the deliberate intention of leaving it after a very short time.

7. The engineering work of the Sanitary Engineer's department can only be placed on a satisfactory footing by its amalgamation with the Public Works Department, which is organised in such a manner as to provide the

continuous

continuous increase of responsibility referred to in para 3 of this note, and whose staff is sufficiently large to be practically unaffected by fluctuations in the work required of it, which would completely disorganise a smaller staff. It is obvious that an increase or reduction of work which would involve a complete readjustment of a staff of five men would be practically imperceptible by a staff of eighty.

8. The Municipalities concerned would certainly have to pay no more than they do at present if the whole work of construction was handed over to this Department under its regular rules, while they would gain greatly by the professional supervision which the Departmental organisation gives, and which, with the best will in the world, the Sanitary Engineer cannot give at present.

9. I invite attention in this

For G/O No 2380 L d/16-11-94
page 3

connection to my notes dated 23rd April and 8th May 1894 transferred to the Local and Municipal Department with endorsements Nos: 44 D and 119 D dated 25th April and 8th May 1894 respectively

(signed) J. Pennycuick Col. R.E.
Chief Engineer P.W.D.

Local &
CURRENT No. 1577 L

No: 319 D 7th June 1895

Transferred to the Local and Municipal Department with reference to endorsement in that Department No: 658 dated 9th May 1895.

Colonel R.E.
Secretary to Govt. P.W.D.

CNBS
7/6/95

To
The L. & M. Department with the referred papers returned.

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For G/O No 2380 L D/6-11-94
page 3

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Chief Engineer P. W. D.

Local & [illegible]
CURRENT No. 1577 L

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CNBS
7/6 95

To
The L. & M. Department with the referred papers returned.

32

[9]

LOCAL AND MUNICIPAL DEPARTMENT

Local & Municipal Dept.
CURRENT No. 1579 L

From

The Public Works Department

No. 319 D

Dated 7. 6. 95
Received 10. 6. 95
Enclosures C. No. 1103 L retd.

SUBJECT.

Transferring note by the Chief Engineer P. W. D. regarding the appointment of an additional assistant Engineer in the Sanitary Engineer's Department and recommending the amalgamation of that department with the Public Works Department.

LOCAL AND MUNICIPAL DEPARTMENT.

[28]

N.B.—The reply to this communication should be addressed to the Chief Secretary.

CHIEF SECRETARIAT, MADRAS.

108

Memorandum.

Dated the 2nd May 1895.
No. 604

The Sanitary Engineer is requested to state what action it is proposed to take on para. 12 of the Chief Engineer's note disposed of in G. O. dated, 28° March 1895, No. 566 M. in which Colonel Pennycuick remarks that Mr. Minchin's present charge is too heavy for one man and suggests that he should be relieved of the charge of the Madura and Dindigul Projects.

V. R.
23/4/95

25. IV.

Note. No action was taken in this Department as it was thought that the matter was one in which the Sanitary Engineer should make the first move. The question of granting an increase to Mr. Minchin is under the consideration of Government.

To The Sanitary Engineer.

Desptd 2/5/95

21

604

S. E./6 19-3-95—1,000.

GOVERNMENT OF MADRAS.

No. 1247

OFFICE OF SANITARY ENGINEER,

Fort St. George, 3rd May 1895.

Local & Municipal Dept.
CURRENT No. 1494

From

J. A. JONES, Esq., MEM. INST. C.E., F.R.S.E.,
SANITARY ENGINEER TO GOVERNMENT,

To

The Chief Secretary to Government,
Local & Municipal Department.

SIR,

In reply to your memo No. 604 of 2nd May 1895, I have the honor to inform you that I regret that I cannot relieve Mr. Minchin of his work at Dindigul and Madura as I have no one to take his work over. The work at Madura consists merely in supervising the working of the engines, pumps and head works and of inspecting the state of the mains, valves, fountains &c from time to time. The works at Dindigul are just about to be begun, and though I propose to place a Supervisor in immediate charge, he must work under Mr. Minchin.

Tanjore

1 23

Charge of the Trichy Tanjore, Madura & Dindigul water works.

604

1023/95

3

S. E./6 19-3-95—1,000.

GOVERNMENT OF MADRAS.

No. 1247

OFFICE OF SANITARY ENGINEER,

Fort St. George, 3rd May 1895.

Local & Municipal Dept.
CURRENT No. 1424

From

J. A. JONES, ESQ., MEM. INST. C.E., F.R.S.E.,
SANITARY ENGINEER TO GOVERNMENT,

To

The Chief Secretary to Government,
Local & Municipal Department.

SIR,

In reply to your memo No. 604 of 2nd May 1895, I have the honor to inform you that I regret that I cannot relieve Mr. Minchin of his work at Dindigul and Madura as I have no one to take his work over. The work at Madura consists merely in supervising the working of the engines, pumps and head works and of inspecting the state of the mains, valves, fountains &c from time to time. The works at Dindigul are just about to be begun, and though I propose to place a Supervisor in immediate charge, he must work under Mr. Minchin.

Tanjore works are however approaching completion, and although it will be some time yet before they are in full working order, still the work in connection with Tanjore will be greatly reduced.

2. I could relieve Mr. Minchin of Madura to some extent by sending Mr. Turner, the Boiler Inspector, there occasionally, but the Municipality might complain about the cost of such inspections if it is still proposed to debit them with the time spent by Mr. Turner on them.

Note. This is the principle on which it is proposed to effect recoveries from Municipalities on acct. of the Boiler Inspector. This note written in connection with draft which were sent up to Govt. on the 4th inst.

3: It may be well to bring to the notice of Government that I consider that one Asst. Engineer will always be wanted (and more bye and bye) to continually inspect completed works as well as to aid Munici-palities in addition & repairs to such works as water supplies — otherwise, I am convinced that the works will gradually be allowed to deteriorate for want of proper supervision, which the Municipalities cannot obtain by any officer of their own.

A proposal [illegible] additional Asst. [illegible] (vide Cir. No. 1103 [illegible])

128

4. If that very necessary super-vision could be otherwise secured, then as water works were completed this department might sever all connection with them, and they might be handed over to the Councils at once — but this is a course I am very averse to suggesting to Government, and I therefore do not see how Mr. Minchin can be relieved of Madura.

I have the honor to be,
Sir,
Your most obdt. Servt.

Sany. Engineer to Govt.

Tanjore works are however approaching completion; and although it will be some time yet before they are in full working order, still the work in connection with Tanjore will be greatly reduced.

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[illegible] (vide Cur No 1103 d/99 [illegible])

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I have the honor to be,
Sir,
Your most obdt. Servt.

Sany. Engineer to Govt.

Local & Municipal Dept.

P.R. nos CURRE

G.O. 566 M. of 95
662 M of 95
290 M of 95
122 M of 95

pecting the submission of proposals for such strengthening; in any case however I could not have taken action on this note until the principle of the transfer had been accepted by Government and the acceptance embodied in an order.

3. What this Department is prepared to do is to undertake the execution of any schemes or all schemes sanctioned by Government for construction on behalf of any Municipality either under the general rule of a contribution for establishment of 24½ per cent on the expenditure on works, exclusive of charges on land and stores [illegible] from [illegible] the special

terms suggested in para 11 of my note of the 8 May 1894 transferred to the Local and Municipal Dept with endorsement No 1192 of that date, namely 12½ per cent on the total of estimates for water supply and 20 per cent upon those for drainage.

G.O. 2380 L
16-11-94

4. The work would be carried out by the ordinary staff of the Department under the rules governing works executed from Funds other than Provincial, and any extra temporary establishment required in any individual case would be provided either by the Chief Engineer in the exercise of his ordinary powers or by a special order of Government

pecting the submission of proposals for such strengthening; in any case however I could not have taken action on this note until the principle of the transfer had been accepted by Government and the acceptance embodied in an order.

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from

store

the special

No 2380 L
16-11-96

terms suggested in para 11 of my note of the 8 May 1894 transferred to the Local and Municipal Dept with endorsement No 119 D of that date, namely 12½ per cent on the total of estimates for water supply and 20 per cent upon those for drainage.

4. The work would be carried out by the ordinary staff of the Department under the rules governing works executed from Funds other than Provincial, and any extra temporary establishment required in any individual case would be provided either by the Chief Engineer in the exercise of his ordinary powers or by a special order of Government

in each case.

5. It is exceedingly improbable that any increase to the permanent establishment would be necessary; in this connection see para 5 of my note of the 23rd January 1891 recorded with G.O. No. 1306 M of 14th August 1891.

6. No action whatever is necessary in this Department at present; all that is required is for the Local and Municipal Department to say in any particular case "the execution of this work will be undertaken by the Public Works Dept."; or to issue a general order that all works of particular class will be so executed, & we will do the rest.

Colonel R.E.,
Secretary to Govt. P.W.D.

with G.O. No. 1494 M
retd.

Ef 9/11

CHIEF SECRETARY
3 NOV. 1895
GOVERNMENT OF MADRAS

15

[8]

LOCAL AND MUNICIPAL DEPARTMENT. 35

Local & [illegible]pal Dept.
CURR 3419 M

From

The Secretary to Govt.
P.W.Deptt.

No. 3268 c

Dated 2-11-95

Received 4-11-95

Enclosures C. No. 1494 M retd

SUBJECT.

Submitting his opinion regarding the execution of water supply and drainage schemes by the P.W.Deptt.

Letter [illegible] no 2073 M
9-12-1895

Lr no 2073
9/12

LOCAL AND MUNICIPAL DEPARTMENT. 18

Current No.s 1026 L and 1103 L.

From the Sanitary Engineer. No 929 dated 3.4.95
do – 1037 – 10.4.95

There is no harm in hearing what the C.E. thinks, but it seems to me that, considering the small amt. of work done, 2 men are quite enough to supervise it, as well as to study new schemes.
B.S. [Liss]
4/5/95

FOR ORDERS.

In the first of the Currents read above, the Sanitary Engineer requests sanction for the entertainment of a permanent Assistant Engineer on Rs 450 per mensem in his office, as the Assistant Sanitary Engineer and himself are fully occupied with office work, relating to the preparation of designs for and the construction of new works, and with the inspection of the existing works and are thus left very little time to study any proposed

scheme

scheme on the spot for the purpose of selecting sites for sources of supply, outfall etc, before sending a Surveyor and party to take levels.

2 In the second current, the Sanitary Engineer explains why this application ~~in question~~ was not made at the time or before the submission of the budget for the current year, and requests that if there is a difficulty in at once providing for the Assistant Engineer's pay from Provincial revenues, it may be temporarily arranged that the pay drawn be eventually recovered from the Municipal Councils concerned as part of the cost of the works investigated by that officer. He states further that in the case of investigations leading to no work whatever the pay should be borne by Government.

3 The present scale of

establishment

establishment in the Sanitary Engineer's Department is shown on page 4 of G.O dated 15th November 1894, No 991 F.D. In this connection please also see the notes and orders in G.Os dated 28th January 1892, No 187 M and 26th September 1892, No 1569 M disposing of similar applications for strengthening the office establishment.

4 If the proposed appointment of an Assistant Engineer is approved by Government, the sanction of the Secretary of State will have to be applied for in the Financial Department, as the pay of the appointment exceeds Rs 3,000 a year — Vide article 92 of the Civil Service Regulations.

V.R.
15/9/95

This is the first direct application for an increased establishment. On former occasions Mr. Jones has simply protested with reference to works given him that unless his establishment is increased he must delay them.* The increase seems desirable but a large part of the cost at any rate will eventually fall on P

Aghara Charlu

* This is a mistake due to the file being incomplete when first sent up.

G. Hunter
15.11.

funds and it is doubtful if it can be met.

G Todhunter

I.V. The papers should I submit be referred to the C.E. for favour of remarks.

Sd J.F. Price
3/5/95

[Memorandum No 658
9.5.95]

agu
how
& do
the Lanf

Appointment of an Assistant Engineer for the Sanitary Engineer's office.

FOR ORDERS.

H.M.

1026 + 1103 L

G.
25.
500-7-5-95.

Land M DEPARTMENT.

C. Nos 1026 L, 1103 L and 1579 L

From the Chief Engineer P.W.D. No 318 D. 7-6-95

FOR ORDERS.

Overlooking again at the list given in the enclosure to C. No. 1026 L, I agree that the Sanit. Engr. cannot be expected to do all the work therein shown before the end of the year, unless he gets assistance; and I may add that, to do so much work, he would probably require, not one, but 3 or 4 assistants. But then the question arises Will it be necessary that he should get through all this work before the end of the year? I don't think so. The amount of Sanitary engineering work that can be executed is governed, not by the San. Engr's preparation of schemes, but by the funds available; and as there is hardly a case in which Munl. Cls can carry out W.W. or drainage works without liberal assistance from Provl. funds, it follows that the quantity of work that can be executed is governed by the amt. of assistance which can be afforded from Provl. funds. I proposed some time ago to allot annually from Provl. funds 4 lakhs for the assistance of Munl. Cls in these enterprises, and I believe my Hon: Colleagues agreed with me; and I don't see how we can anticipate being able to do more. If so, I think that the Sanit. Engr. & the one asst. he has

In these first two papers read above the Sanitary Engineer makes a request for the addition of another permanent Assistant Engineer to his staff and explains why this request was not made at the time of submitting his budget proposals, and in the third the Chief Engineer offers his remarks on this suggestion and renews his often repeated proposal that the Sanitary Engineer and his staff should be graded on the Public Works Establishment.

2. Both proposals having been previously rejected by Government a brief summary of the facts and the reasons that led to their rejection is appended.

3.A. As regards the proposed additional Assistant Engineer it may be remarked by way of preface that the Sanitary E[illegible] of this Govern[illegible] Presidency appears to have far more practical work to do both in connection with the investigation and execution of schemes than those in other

Provinces, receiving as he does little or no professional assistance either from the local bodies concerned or from the ordinary staff of the D.P.W. He has at present one permanent Assistant Engineer and two temporary ones. One of these latter (Mr Minchin) has admittedly more than he can do (vide linked file), but it is not with them that we are ~~primarily~~ concerned at present since the additional assistant now proposed is primarily intended not for execution but for investigation work. The previous papers in which the necessity for his appointment has been urged are as follows:—

ⓐ In the joint note by Col: Smith and Mr Jones embodied in G.O. no $\frac{1306\,M}{13\cdot VIII\cdot 91}$ the appointment of a Deputy Sanitary Engineer "whose sole duty it would be to supervise generally the works under execution, or, in case of necessity, when the Sanitary Engineer could not take up certain work, to direct the designing of such work", was urged among other proposals. It was not sanctioned in the G.O. but no specific reasons for disallowing it are given. ⓑ In his letter in G.O. no $\frac{187\,M}{28\text{-}1\text{-}92}$ Mr Jones repeated that he must have an increase of staff in the higher grades if he was to do all the work entrusted to him though he did not ~~a~~ make any definite proposals. As there were no funds to provide for an increase of establishment at the [illegible] he was told to ~~g~~ manage as best he could with what he had. ⓒ In his letter in G.O. no $\frac{1269\,M}{26\cdot IX\cdot 92}$ he repeated the same [illegible]ment and it ~~[illegible]~~ it was recorded. It may

FOR ORDERS.

should be able to prepare, in advance, schemes for the expenditure of as much money as is likely to be available, at least for several years, as well as to supervise the execution of works in progress.

I therefore do not think that any more posts are at present required by the San: Engr. If we pass the Munl. Bill & Munl. Cos have consequently in future more funds available, no doubt we shall be able to get on faster from (say) 1897–98 – The matter might then be reconsidered.

As to the absorption of the San: Engr in the P.W.D., I cannot say that I view it with favour. I am afraid it would involve us in many difficulties, not the least of which wd be that Mr Jones would infallibly quarrel with the P.W. officers who would have to carry out his schemes.

Mr Jones' plea that he must have assistance to enable him to inspect projects already completed is dealt with in the linked file. It seems suffᵗ to point out that, so far as engines & machinery generally ~~[illegible]~~ are concerned he has secured that assistance in the person of the boiler inspector.

H Bliss]
24/6/95

The sanitary engineer wants to get on fast with schemes which will be out of date before work can be commenced on them. I agree with my Hon Colleague that an addl. assist engineer is not wanted for the preparation of schemes & inspection of works that can be undertaken for many years. The absorption of the San. engineer & his estabt in the P.W.D. will probably be necessary eventually, but as the Hon Mr Bliss says, it would involve many difficulties, & I think consideration of it shd be deferred till it becomes absolutely necessary.

J G [Frose]
6/7

[G. 21.]
690—8-3-95.

DEPARTMENT.

Papers to be read in proceedings:—

Again G.O., dated 189 , No.
Again G.O., dated 189 , No.
Current No. of 189 , dated from

Current No. of 189 , dated from

~~ORDER.~~

be noted in connection with this paper that the officer's note on it that the Sanitary Engineer's difficulties were not understood since the special establishment sanctioned by Municipalities provided amply for all initial surveys etc, ~~are~~ is fully answered by Mr Jones in c no 1026L in which he gives substant[illegible] reasons for requiring the additional assista[illegible]. The cogency of these reasons is admitted in c no 1579L by the Chief Engineer who strongly recommends the increase proposed. In c no 1494L (vide linked file) the same proposal is urged again though on somewhat different grounds.

4. Should it be decided to sanction it, ~~the~~ it will have to be settled whether it is to be paid for out of ~~P~~ Provincial funds or by levy of a contribution from Municipalities. Please see on this point Mr Jones's second letter c no 1103L.

5. B. The question of the amalgamation of the Sanitary Engineer's department with the ~~[illegible]~~ P.W.D has been four times before Gove[illegible]ment:—

ⓐ – G.O. no $\frac{1913\,L}{17\cdot X\cdot 88}$ – It was or[illegible]iginally proposed that the Sanitary Engineer should [illegible] be attached to the P.W.

and this proposal apparently had the approval of both H.Ms at the time, but it was ultimately decided against. The reason is given in Sir P. Hutchins's d.o. of 18.VIII.88 "at all events we should not say he is to be so attached. I fear if he is the Government of India may try to make us take one of their men."

(F) - G.O. no 479 M/2.IV.91 - again both H. Ms appear to have been in favour of the proposal which was strongly advocated by Col: Pennycuick. H.E. the Governor was also in favour of it vide his note of 9.III.91. The reason for negativing it is given by Sir H.E. Stokes as follows "I don't think it would be any use going up again, at any rate until the necessity of the arrangement is more clearly proved by experience." He × also took exception to the charges of the D.P.W.

no 1306 M/13.VIII.91 - In this case there is no discussion of the matter but the previous decision repeated.

-G.O. no 2380 L/16.XI.94 - In this case the matter is fully discussed vide the Hon: Mr Bliss's note of 9.III.94 which he states that ~~it~~ the proposal was previously disallowed because, inter alia, it would have been an expensive measure and would serio[illegible] have tied the hands [illegible] Government in rega[illegible] the selection of proper [illegible] for the appointment of Sanitary Engineer" and [illegible] -uick's re[illegible] both to this and to Sir H.E. [illegible] at the res[illegible] the ~~expenses~~ charges of the D.P.W. [illegible] that he con[illegible] with [illegible] to let the Sanitary Board, [illegible] in G.O. no 1269 M/26.IX.92 [illegible] the question if [illegible] plaint and it wa[illegible] only was

X [illegible]
[illegible] G.O. N 1913
of 1888

× "I must say I wish it could be found possible to grade Mr Innes as proposed by Col. Pennycuick"

"It was our original proposal* that the Sanitary Engineer should be a member of the P.W.D. but India, acting under instructions from the Secretary of State, insisted on the establishment of a Sanitary Board and negatived our suggestion.

* It is not quite clear what this refers to—vide supra

I cannot find it though I have spent a considerable time hunting about for it. Perhaps Sir H.E. Stokes had in his mind what had been proposed before and abandoned. At any rate I can not find any direct proposal of this Govt. to the Govt. of India

J. F. Price

[G. 21. 690—8.3.95.]

DEPARTMENT.

Papers to be read in proceedings:—

Again G.O., dated 189 , No.
Again G.O., dated 189 , No.
Current No. of 189 , dated from

Current No. of 189 , dated from

~~ORDER.~~

pleased. This order does not, however, appear to have been communicated to the Board. Now that Col: Pennycuick alone has come up about the matter, perhaps it would be best to refer the papers back to the Board for submission of detailed proposals* if they agree with him. Mr Innes has already consented to ar[illegible] for amalgamation in their joint note embodied in G.O. no 1306 M/13.VIII.91.

J. F. Price
19/6/95

C. G. Todhunter
15.VI

P.W.D.
[illegible] ment:—
[illegible] riginally proposed that
[illegible] be attached to the P.W.

~~Pers~~ Please point here the note of the H.M. & H.E. cuf 27 of the current sent herewith

G P

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ment at

as hot he contr with

~~letter~~ in G.O. no $\frac{1269m}{26 \cdot IX \cdot 92}$

mplaint and it was ~~the~~ ity was

L

Appointment of an additional Assistant Sanitary Engineer and proposal to amalgamate the Sanitary Engineering department with the P.W.D.

Cur nos 1026 L
L 1103 L

H.M. and Circ.

(for orders)

For H.E. the Governor's note see note for orders on [Curr. $\frac{1494.M}{95.}$

letter from the Sanitary Engineer No. 1247 dated 3rd May 1895

M 22.7.95

Price. These two files are to await Col. P.'s note on the amalgamation of San. Engr's Dept. with the D.P.W.

M 22-7-95

Slip linked with 1494 M.

1

MUNICIPAL DEPARTMENT.

PAPERS FOR PERUSAL. 50

THE RIGHT HONORABLE THE GOVERNOR.

Dated 9-4-95

8 P

Extract from the remarks of His Excellency Lord Wenlock on fo. No 566 m dated 28th March 1895

H.E.'s remarks on fo. dt 28-3-95 No. 566 M.

I should like to know what action it is proposed to take on para 12?

W[enlock]
19 Apr. 95

omit.

5

L & M DEPARTMENT.

No. 1494 M.

~~Dated~~ 2nd May [905]

Fr. to Sat. No 1247

9 P

Dated 3rd May 1895.

ORDERS.

Note for the Hon: Mr. Bliss.

Proposals have been drafted, in accordance with the notes made in the ~~Revenue~~ Judicial Department, regarding the contributions to be levied from Municipalities towards the pay of the Boiler Inspector and circulated to the Sanitary Engineer and the Councils concerned for remarks. The contributions were calculated in proportion to the time which the Boiler Inspector would be expected to spend in each town. The present proposal to give him entire charge of the Madura waterworks would presumably increase the time he would have to spend there considerably and would increase the amount to be paid by that Council in like proportion. The Sanitary Engineer may be asked, in continuation of the reference above referred to, to submit an alternative scheme for placing Mr. Turner in sole charge at Madura with his remarks on the one already circulated for his suggestions.

J. Price
24/5/95
(23)

C. Goodbunter
21-V.

This machinery is very valuable & important and slight neglect might involve expenditure. I have no knowl the class of man the Munic may put in charge.

31 st

Reduction of Assistant Sanitary Engineer,

Mr. Minchin's, charge.

H. M. and H. E. the Governor.

Note for the Hon: Mr. Bliss.

L and M DEPARTMENT.

C. No. 1494 M

10 P

FOR ORDERS.

I don't see the need of any further refce to Mr. Jones. The system under which the Engines & pumps of Munl. W.W. should be periodically inspected was settled in communn. with Mr. Ellis, who is at least as competent an adviser as Mr. Jones; & the idea that Govt. should undertake any further continuous responsibility in regard to these W.W., beyond providing Munlties with the means of seeing that Engines & pumps were kept in proper order, is one which is new to me and of which I do not approve. As I said before Munlties must look after pipes for themselves, & the San. Engr. has in the person of the Boiler Inspr. full means for looking after boilers & Engines & pumps &c.

Bliss
24/6/95

with a brief inspection of the pipes valves etc added.

We cannot undertake to look after these W W schemes for ever after they have been completed. It will be enough to supply municipalities with a Boiler Inspector

J.S.

Col: Pennycuick's opinion on Mr. Jones's requests for an additional Assistant Engineer is put up in the linked file. It will, however, be noted that Mr. Jones requires the new assistant not so much to watch the machinery put up and being put up in the municipality waterworks ~~but~~ as to aid him in the investigation of new schemes. It is doubtful if he would spare much of his time for the inspection of machinery and the charge of the Madura works.

As regards the inspection by the Boiler Inspector, I fear I may have mistaken Mr. Jones's meaning. Perhaps the periodical inspection proposed in G.O. no $\frac{833 M}{15.v.95}$ will be all that the Madura waterworks require, in which case the Municipality will only have to pay about Rs 300

C.G.O. Schemes
15.vi

It is doubtful what Mr. Jones means ~~exactly~~ that Mr. Turner should do. Boilers and Engines are I take it his province but from what Mr. Jones says in para 3 of his letter

1767 M
5.6.95
with Coll
7940

52

Reduction of Assistant Sanitary Engineers,

Mr. Minchin's charge.

H.M. and H.E. the Governor.

Note for the Hon: Mr. Bliss.

C74/5 C75/5

53

G./25.]

603-7-5-95.

6

L and M DEPARTMENT.

C. No. 1494 M

108

FOR ORDERS.

Col: Pennycuick's opinion on Mr. Jones's requests for an additional Assistant Engineer is put up in the linked file. It will, however, be noted that Mr. Jones requires the new assistant not so much to watch the machinery put up and being put up in the municipality waterworks ~~but~~ as to aid him in the investigation of new schemes. It is doubtful if he would spare much of his time for the inspection of machinery and the charge of the Madura works.

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H. Bliss
24/6/95

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J.G. ~~[illegible]~~

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C81 Sheeter
15.VI.

1762 W
7.6.95
with two
794 G

he would give Mr. Turner more to see to at Madura than strictly falls within his duties. Should he be called upon to explain exactly what he proposes that Mr. Turner should do?

J. D. Rees
19/6/95

I have had a consultation with the hon. Mr. Bliss & Col. Pennycuick on the various points raised in these papers, and I think we are now agreed that 1. Mr. Minchin cannot possibly be asked to do the work of a mechanical engineer. He should be kept to his proper duties, wh. are those of a civil engineer.
2. As regards the municipal Engines & Boilers. Govt. must lay down a rule that a competent man sh. be placed in charge, and that they sh. be inspected at stated periods by the Boiler Inspector. On this point Col. P. will address Govt.
3. Mr. Jones should be confined to investigating projects, and drawing up the necessary plans & estimates. These will come up thro' the Sanitary Board. But the construction of the works and the obtaining of the plant required will be carried out by the D. P. W. Col. P. will submit a scheme for the proper strengthening of his dept. to meet this extra work. The apportionment of the cost between the D. P. W. will have to be made in consultation with the L. & M. Depts.

W. Wenlock
10 July

1494 M

Reduction of Assistant Sanitary Engineers,

Mr. Minchin's charge

FOR ORDERS.

H. M. and H. E. the Governor.

Cur. No. 1494 M

H. M. and the Hon: Mr. Grose.

These papers are resubmitted for perusal of H. E. the Governor's note of 10. VII. 95.

Before any further action is taken Col: Pennycuick's proposals may be awaited?

G. Stokes
11. VII.

I saw from a paper in the PWD sent to me for countersignature of the draft G.O. that the Boiler Insp. has resigned.

J. D. Rees
12/7

Yes — await Col: P.'s note

W. Bliss
15/7/95

J. Grose
16/7

LOCAL AND MUNICIPAL DEPARTMENT.

189 , No.

Again G.O., dated

Current No. 1026 L of 1895, dated 3rd April 1895 from the Sanitary Engineer to Govt.
Current No. 1103 L 10th April 1895 do do
Current No. 1494 M of 1895, dated 3rd May 1895 from the Public Works Depart.
1579 L 7th June 1895 do do
3419 M 2nd November 1895 do do

From the PWD No. 319-D dated 7.6.95
do No. 3268-C — 2.11.95

FOR ORDERS.

~~Entrusting~~ the
~~execution of the neat work~~
~~starts of the PWD &~~
how it works

W. Bliss
J. Grose 23/11/95
26/11/95

W. Wenlock
28 Nov

Please see the notes and orders on the first four of the currents read above. The last current contains the note submitted by Colonel Pennycuick with reference to H. E. the Governor's note dated 10th July 1895 (on C. No. 1494 M).

V. R.
17/11/95

W. W. Phillips
19/11/95

J. D. Rees
21/11/95

[G.O. 2073 M / 9-12-95]

As above

Order: No. 2073 M L 9-12-95

Under the circumstances stated by Mr. Jones, the Govt. is of opinion that the work of the Sanitary Engineer should be confined to investigating water-supply, drainage & projects, & drawing up the necessary plans & estimates, which should be submitted to the Govt. through the Sanitary Board.

The construction of the works, & ~~for~~ obtaining ~~of~~ the plant, required for the next project of this ~~kind~~ description to be carried out will be ~~entrusted~~ entrusted to the Public Works Deptt.

2. With reference to reducing Mr Minchin's charge, as proposed by the Chief Engineer in his note dt 7-3-95, embodied in G.O. No 566 M dt 28.3.95, the Govt. considers that he cannot possibly be ~~added~~ reduced to ~~to~~ the work of a mechanical engineer, but should be kept to his proper duties, which are those of a civil engineer.

3. The Govt. is not prepared to undertake the up-keep of waterworks etc, after they have once been started, but municipal councils must see that ~~these works~~ they are placed in charge of a competent man, who will be responsible for ~~keeping~~ them in order. The Govt. will only undertake to provide for their supervision & inspection at stated periods by the Boiler Inspector, as laid down in G.O. No 1145 Mu. dt 9.10.95. Mr Minchin should therefore be now relieved of his work at Madura, where the water-works have already been ~~started~~ opened, & of his work at Tanjore & Dindigul as soon as the works there are completed. As the San. Engineer will ~~now~~ then be able to avail himself of Mr Minchin's services for other work, ~~& as~~ as the ~~work~~ duty of his estt. ~~has already~~ ~~been~~ will be reduced, as stated in para 1 supra, the appointment of an additional asst. engineer is unnecessary & cannot be sanctioned.

Sd 7/12/95

(from orders)

WWS
29/11/95

To
The Public Works Deptt. √5
" Joint Secretary Sanitary Bd. (Engineering Branch) √6
" " (Sanitary Branch) √6
" Sanitary Engineer √3
" Sanitary Commissioner √3
All chairmen of municipal councils √
" Collectors √
" Presidents of District Boards Despd 7/1/96
The President, Municipal Council, Madras √6 Despd 6/1/96

Despd 6/1/96
Despd 7/1/96

21-7-66
4-8-57

31-7-11 BB ✓

[illegible]

13-9-18

5-3-19

29 4/35 III ✓

25-11-43 T ✓

Ltm. DEPARTMENT.

F.73.

Paper taken out of the Records from the charge of the Referencer.

~~Press~~ Miscellaneous ~~Routine~~ No. 2073, dated 17. 9. 12. 1895

Date taken out.	FOR WHAT PURPOSE.			Initials of clerk taking the paper or of attender.	Date returned.	Initials of attender.
	Department.	C. No.	Year.			
27 4/35	PWD	4689	35	[illegible] III	13/6/36	[illegible]
25-11-43	MRO B-I	7175A	43	[illegible] I	24-9-46	BNC
Medical 4/6	29/11/45					

da, by telegram,

ioned.