L. & M.
1,000—10-8-96.

Local & Munl. (189) Department.

VE

PRINTED.

G.O., No. 2163 L

DATED 14-11-96

INDEXED.

[Despatch Abstract.]

Sanitary Board

Passing orders on letter from the Sanitary Engineer submitting for consideration certain points in connection with the rules issued for conducting the business of the —.

BACK PAPERS.

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

FURTHER PAPERS.

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

Government (1896) of Madras.

LOCAL AND MUNICIPAL.

For Secretary

Proof for approval.

17/11

Recd.
Regd. } 1896.

Enclosures

Spare copies

G.O., No. 2163 L., 14th November 1896.

Press

Please strike off after carrying out the corrections.

18/11/6

NOVEMBER.

Sanitary Board.

Passing orders on letter from the Sanitary Engineer submitting ^ certain points in connection with the rules issued for conducting the business of the —.

^ for consideration

GOVERNMENT OF MADRAS.

LOCAL AND MUNICIPAL DEPARTMENT.

Read—again the following paper :—

G.O., No. 1698 L., dated 18th September 1896.

Abstract.—Reconstituting the Sanitary Board, issuing revised rules for conducting its business and making certain alterations in the rules sanctioned in G.O., No. 79 L., dated 16th January 1891, regarding the scrutiny of plans and estimates for sanitary works.

Read—also the following paper :—

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, 13th October 1896, No. 3047.

With reference to G.O., No. 1698 L., dated 18th September 1896 (but received only on 10th October 1896), I have the honour to inquire whether the Board is to be reconstituted *at once* as no date is mentioned ; until the notifications at the end of the above order become law plans and estimates will continue to come to the Sanitary Engineer, but these can, of course, be transferred to the Secretary of the Sanitary Board if, as I presume, the order is intended to have force at once.

2. I have also the honour to direct attention to the following points :—

Unless Rule No. 13 refers solely to works costing between Rs. 200 and Rs. 500 it appears it is not quite consistent with Rule No. 16 wherein it is laid down that the Sanitary Engineer is to design *all* works above Rs. 500. With reference to this latter rule, it is presumed that the rule does not include repairs with which, over an area of 141,189 square miles, it would be impossible for the Sanitary Engineer to deal.

3. Even in regard to original works the design of these will, it is thought, not be so satisfactory as if designed by persons conversant with local wants, needs, manufactures, materials, prices, soils, &c. The transfer of this work will moreover require a large increase to the office staff. The amount of work over Rs. 500 estimated for during 1895 by Municipalities and Local Fund Boards amounted to Rs. 1,96,897 for new works and Rs. 65,513 for repairs, and to overtake even the former, which is in every sense additional to that now being done in the Sanitary Engineer's Office, the following staff will be required :—

	Average.
	RS.
One head draftsman on Rs. 80 to 100	95
Two draftsmen on Rs. 50 to 70	130
Two estimators on Rs. 50 to 70	130
Two tracers on Rs. 25 to 35	65
Total	420

This is only $2\frac{1}{2}$ per cent. on the estimates and the tendency is for sanitary works to increase in number not decrease.

4. I doubt if Government realised this increase of work when passing orders, and I therefore do not send forward a proposition statement until Government is pleased to pass orders on this letter. Government may perhaps intend Local Fund Boards and Municipalities to contribute to this as they will be relieved of a large amount of work.

5. May I be permitted to suggest that in order to keep the Sanitary Commissioner and Sanitary Engineer acquainted with what orders are being passed by the Board, the Secretary, Sanitary Board, should be directed to send copies of all proceedings to the Sanitary Commissioner and the Sanitary Engineer for information only.

Order—No. 2163 L., dated 14th November 1896.

The reconstituted Sanitary Board will be considered to have entered upon its duties from the 24th October, the date of the Government order nominating the Civilian member of the Board.

2. With reference to paragraphs 2 to 4 of the Sanitary Engineer's letter, it is observed that No. 13 of the Sanitary Board Rules refers to the particular works mentioned in Rule 12, for which standard plans are issued, and obviously excludes repairs, while Rule 16 relates to new sanitary works for which there are no standard plans. The rules are, therefore, not inconsistent, nor does the Government see at present any reason for thinking that additional establishment will be needed.

3. The suggestion made by the Sanitary Engineer in the last paragraph of his letter will be disposed of by the President of the Sanitary Board.

(True Extract.)

for *Secretary to Government.*

To the Sanitary Board.
" the Sanitary Engineer.
" the Sanitary Commissioner.
" the Public Works Department.
" the Public Department.
" the Financial Department.
" all Collectors.
" ~~the~~ Presidents of District Boards. all/
" ~~the~~ Chairmen of Municipal Councils. all/
" the Surgeon-General.
" the Accountant-General.

Exd. C. M. Thumbuswamy.

Read - agn the [illegible] paper

Fn. 2163 L 8 14/11

Government (1896) of Madras.

LOCAL AND MUNICIPAL.

1

[illegible]

Recd. } 1896. *Enclosures*

Regd. } *Spare copies*

G.O., No. 1698 L., 18th September 1896.

SEPTEMBER.

Sanitary Board.

Reconstituting the —, issuing revised rules for conducting its business and making certain alterations in the rules sanctioned in G.O., No. 79 L., dated 16th January 1891, regarding the scrutiny of plans and estimates for sanitary works.

GOVERNMENT OF MADRAS.

LOCAL AND MUNICIPAL DEPARTMENT.

Read—again the following paper:—

G.O., No. 359 L., dated 21st February 1896.

Abstract.—Issuing revised rules for the guidance of the Sanitary Board, and notifying certain alterations in the rules sanctioned in G.O., No. 79 L., dated 16th January 1891, regarding the scrutiny of plans and estimates for sanitary works, and stating that any objections or suggestions which may be made in respect of the amendments will be considered on or after 1st May next.

Read—also the following papers:—

From the Chairman, Municipal Council, Erode, 20th March 1896, No. 353.
" " " Bezwada, 25th March 1896, No. 2321.
" " " Anantapur, 7th April 1896, No. 466.
" " " Nellore, 28th April 1896, No. 869 Munl.
" President, District Board, Chingleput, 11th May 1896, Dis. No. 389 L.
" Chairman, Municipal Council, Kumbakónam, 7th May 1896, No. 91.
" President, District Board, Gódávari, 19th May 1896, Dis. No. 1021 D.B.
" Chairman, Municipal Council, Bimlipatam, 26th May 1896, No. 99.
" Joint Secretary, P.W.D., 8th June 1896, No. 374 D.
" " " 16th July 1896, No. 768 D.
" " " 22nd July 1896, No. 841 D.

Order—No. 1698 L., dated 18th September 1896.

In the order of Government read above, revised rules for regulating the working of the Sanitary Board were issued and an amendment proposed to be made in No. 36 of the Local Fund Rules sanctioned in G.O., No. 721 L.F., dated 26th June 1886, as modified by G.O., No. 79 L., dated 16th January 1891, and in No. 3 of the Municipal Rules sanctioned in G.O., No. 124 M., dated 22nd January 1890, as modified by G.O., No. 79 L., dated 16th January 1891, was ordered to be published for general information and criticism.

2. Since the issue of that order, however, Government has had occasion to reconsider the question of the constitution of the Sanitary Board and has now arrived at the decision that it is desirable to alter this by the substitution of the Surgeon-General and a member of the Indian Civil Service for the Sanitary Commissioner and Sanitary Engineer. The Chief Engineer will continue to be as now the President. The Chief Assistant of his office, for the time being, will be appointed Secretary to the Board and he will be provided with an establishment consisting of a clerk on Rs. 50 and a peon on Rs. 8 per mensem, for which a proposition statement should be submitted in due course. The Sanitary Commissioner and the Sanitary Engineer will continue to be the advisers of the Board in their respective professional capacities, and will correspond with it in all matters connected with the Board's work.

3. As owing to the reconstitution of the Sanitary Board as directed above the present rules for its working will now require alteration, the following revised rules are issued in supersession of those sanctioned in paragraph 2 of G.O., No. 359 L., dated 21st February 1896.

Rules for conducting the Business of the Sanitary Board.

1. The Sanitary Board shall consist of three members—

(1) The Chief Engineer, Public Works Department.

(2) The Surgeon-General with the Government of Madras.

(3) A member of the Indian Civil Service to be appointed by His Excellency the Governor in Council.

2. The Chief Engineer, Public Works Department, shall be the President, and the Chief Assistant of his office shall be the Secretary, of the Board.

3. All communications to the Sanitary Board, except those made by Government, should be addressed to the Secretary. The Government will address the Board direct.

4. All resolutions of the Board will be signed by the Secretary.

5. In the event of a difference of opinion among the members of the Board, the majority shall decide. But any member in the minority may record a minute of dissent and require that the same shall be submitted with a copy of the resolution, for the orders of Government, and the President shall forthwith submit the same with such remarks as he may have to offer.

6. The President may, through the Secretary, call for such information from local bodies and Government officers as may be necessary to elucidate matters which have to be laid before the Board. All such references should be in letter form and not by proceedings.

7. No sanitary work, estimated to cost more than Rs. 200, shall be undertaken by any local board or municipal council without the prior approval of the Sanitary Board.

Notes.

(*a*) Works such as those relating to (1) building of hospitals, dispensaries, markets, slaughter-houses, latrines, incinerators, urinals, cess-pools, &c.; (2) water-supply; and (3) drainage, are sanitary works.

(*b*) The limit of Rs. 200 laid down in this rule does not include the cost of site.

8. Whenever it is proposed by any local board or municipal council to make any considerable improvements in existing village-sites or to lay out new sites, the proposals relating thereto shall first be submitted to the Sanitary Commissioner for approval.

9. The Sanitary Commissioner shall, on receipt of such proposals, deal with the points of sanitary principle involved, and either return them to the forwarding authority for reconsideration, or transmit them to the Sanitary Engineer with such remarks or proposals as the circumstances may require.

10. Should the Sanitary Engineer find himself unable to agree with the Sanitary Commissioner as to the general character of the engineering measures to be taken to secure the sanitary requirements of the work, he shall refer the matter to the Sanitary Board, which shall decide the points at issue.

11. When the sanitary requirements of the work have been agreed to or have been decided upon by the Sanitary Board, the Sanitary Engineer will deal with the proposals from an engineering point of view, as laid down in Rules 7 or 16 as the case may be.

12. Standard plans for wells, tanks, latrines, markets, hospitals, dispensaries, slaughter-houses, incinerators, urinals, cess-pools or the like shall be prepared by the Sanitary Engineer and forwarded by him to the Sanitary Commissioner for his remarks from a sanitary point of view. They will then be submitted to the Board for consideration, and when formally approved shall be lithographed for distribution to Presidents of Local Boards and Chairmen of Municipal Councils, who may, however, address the Sanitary Commissioner or Sanitary Engineer in regard to any advice required in connection with the execution of any works in accordance with these plans.

13 The Sanitary Engineer shall not be required to design particular works such as the above for Municipal Councils or Local Boards, except with the approval of the Sanitary Board. Applications for such designs shall be made by the Sanitary Commissioner or by local bodies to the Sanitary Board.

14. In the case of major sanitary schemes, it will be the duty of the Sanitary Commissioner to bring to the notice of the Board any local or municipal area where a water-supply or drainage scheme or any other major sanitary work is required. The Board will then call on the Sanitary Engineer to report how the schemes can best be carried out, and his report will be forwarded to the Sanitary Commissioner for his opinion from a sanitary point of view. Should the Sanitary Commissioner condemn the Sanitary Engineer's scheme on sanitary grounds, it will be for the Board to decide whether the Sanitary Engineer should be required to modify his proposals or whether the matter should be at once referred for the orders of Government as to the preparation of detailed plans and estimates.

15. The Sanitary Engineer will, in concert with the Sanitary Commissioner, draw up and submit to the Board in the last week of November of each year a statement of the major works he proposes to deal with in the ensuing year. The list will, after approval by the Board, be submitted for the orders of Government.

16. All plans and estimates for works of a sanitary nature costing less than Rs. 500 shall be prepared by the local bodies and those costing Rs. 500 and upwards by the Sanitary Engineer under the orders of the Sanitary Board. The plans and estimates for works costing Rs. 500 and upwards shall, after completion by the Sanitary Engineer, be forwarded to the Sanitary Commissioner for opinion on sanitary grounds only The Sanitary Commissioner will forward them with his opinion to the Sanitary Board, which will consider them, either in meeting, or by circulation of the correspondence; and, after approval or amendment, forward them to Government if the project is estimated to cost Rs. 5,000 or more.

17. Resolutions of the Board shall be circulated to all members, but the President may, in cases of urgency, direct the Secretary to issue a resolution prior to such full circulation, the papers being fully circulated as soon after as possible.

18. The President may call a meeting of the Board whenever he considers it desirable.

19. The Sanitary Commissioner and the Sanitary Engineer may address Government on matters unconnected with the Sanitary Board's work as laid down above, in their respective capacities as heretofore, and may communicate direct with Government or local bodies in regard to—

(1) Matters of routine.

(2) The status, discipline and promotion of, and the conduct of their duties by, their own subordinates.

(3) In the case of the Sanitary Commissioner, the sanitary state of works, inspection notes, arrangements for improved sanitation, &c.

(4) In the case of the Sanitary Engineer, the execution of works not being or to be carried out by the Department of Public Works and arrangements with local boards and municipal councils in reference thereto, or the after maintenance of such works.

(5) Reports required by Government.

20. The Sanitary Commissioner and the Sanitary Engineer will each prepare an annual report with reference to his own particular branch, and these will be compiled by the Secretary in the form of an annual report of the Sanitary Board. The report should be submitted to Government by the 15th of May in each year.

4. With reference to suggestions received from the Bezwada Municipal Council and No. 7 of the revised rules now issued for the working of the Sanitary Board, the words "Sanitary Board" will be substituted for "Sanitary Engineer" in clause 4, No. 36 of the Local Fund Rules and in No. 3 of the Municipal Rules referred to in paragraph 1 above, and the following will be entered as notes under the rules:—

Notes.

(*a*) Works such as those relating to—

(1) Building of hospitals, dispensaries, markets, slaughter-houses, latrines, incinerators, urinals, cess-pools, &c.,

(2) water-supply, and

(3) drainage,

are sanitary works.

(*b*) The limit of Rs. 200 laid down in this rule does not include the cost of site.

5. The following notifications will be published in the *Fort St. George Gazette* in English and in all District Gazettes in English and in the vernacular language of the district.

NOTIFICATION.

Under section 144 of Act V of 1884, His Excellency the Governor in Council is pleased to make the following alterations in No. 36 of the Local Fund Rules sanctioned in G.O., No. 721 L.F., dated 26th June 1886, as modified by G.O., No. 79 L., dated 16th January 1891:—

In clause 4, line 2 substitute the words "Sanitary Board" for "Sanitary Engineer" and add the following as notes under the rule.

Notes.

(*a*) Works such as those relating to—

(1) Building of hospitals, dispensaries, markets, slaughter-houses, latrines, incinerators, urinals, cess-pools, &c.,

(2) water-supply, and

(3) drainage,

are sanitary works.

(*b*) The limit of Rs. 200 laid down in this rule does not include the cost of site.

NOTIFICATION.

Under section 250 of Act IV of 1884, His Excellency the Governor in Council is pleased to make the following alterations in No. 3 of the rules sanctioned in G.O., No. 124 M., dated 22nd January 1890, as modified by G.O., No. 79 L., dated 16th January 1891:—

In line 2 substitute the words "Sanitary Board" for "Sanitary Engineer," and add the following as notes under the rule.

Notes.

(*a*) Works such as those relating to—

(1) Building of hospitals, dispensaries, markets, slaughter-houses, latrines, incinerators, urinals, cess-pools, &c.,

(2) water-supply, and

(3) drainage,

are sanitary works.

(*b*) The limit of Rs. 200 laid down in this rule does not include the cost of site.

6. The above notifications will be forwarded to the Tamil, Telugu, Malayalam and Canarese Translators to Government for translation at an early date, in view to their publication in the District Gazettes, and the Superintendent of the Government Press will print the required number of copies in English and the vernaculars and forward them to Collectors for publication. Each Collector will report the date of such publication.

(True Extract.)

J. F. PRICE,
Chief Secretary.

To the Sanitary Board.
" the Sanitary Commissioner.
" the Sanitary Engineer.
" the Public Works Department.
" the Public Department.
" the Financial Department.
" all Collectors.
" the Presidents of District Boards.
" the Chairmen of Municipal Councils.
" the Surgeon-General.
" the Superintendent, Government Press.
" the Tamil Translator to Government.
" the Telugu Translator to Government.
" the Malayalam Translator to Government.
" the Canarese Translator to Government.
Gazette.

Exd. C. M. Thumbuswamy.

Rules for the working of the Sanitary Board

LOCAL AND MUNICIPAL DEPARTMENT.

[5]
700—6-4-96.

3B

Papers to be read in Proceedings:—

Again G.O., dated 18—9——1896, No. 1698 L.

Current No of 189 , dated from the

Current No. 2814 L of 1896, dated 13th Octr 1896 from the Sanitary Engineer.

~~Mis~~ P.S.

Order. No 2163 L.d/14-11-96

The reconstituted Sanitary-Board will be considered to have ~~begun work formally~~ entered upon its duties from the 24th October, the date of the Government order nominating the Civilian member of the Board.

2. With reference to paras-2 to 4 of the Sanitary Engineer's letter, it is observed that No 13 of the Sanitary Board rules refers to the particular works mentioned in rule 12, for which standard plans are issued, and obviously excludes repai while rule 16 ~~covers~~ ~~relates to~~ new sanitary works for which there are no standar plans. The ~~Government sees~~ rules are ~~therefore~~ not incon sisten~~ty between these two rules and~~ nor does the Govt. see any ~~present~~ reason for thinking that ~~any~~ additiona establishment will be needed. ~~On the contrary, the work should decrease gra -dually as more standard plans a estimates are prepared.~~

3. The suggestion made by th Sanit

Sanitary Engineer in the last paragraph of his letter will be disposed of by the President of the Sanitary Board.

(From orders)

V.R.
13/11/96

Note.

May not this be printed and communicated to all local bodies?

The C Es note need not be printed

Show proof

To

The President Sanitary Board. 6
" Sanitary Engineer. 3
" Sanitary Commissioner 3
The Public Works Deptt. 15
" Public Deptt 6
" Financial Deptt
All Collectors. Despd. 25/11/96
" Presidents of Dt. Boards
" Chairmen of Municl Councils
The Surgeon General 6
" Accountant - General. 4

Despd. 25/11/96
Despd. 25/11/96
Despd. 25/11/96

Rules for the working of the Sanitary Board

LOCAL AND MUNICIPAL DEPARTMENT,

Again G.O., dated 189 , No.
Current No. 2814 L of 1896, dated 13th October 1896 from the Sanitary Engineer
Current No. of 189 , dated from the

H.M.

To
Chief Engr

2163 L
14-11-96.

FOR ORDERS.

The San. Engr. in the above current asks for orders on certain points in the new San. Bd. rules.

2. With reference to para 1 he may be told, ~~that~~ it is submitted, that the rules are to come into force at once, or perhaps as the Civilian member has not yet been appointed the reconstitution might be deferred until Jany. 1st 1897.

3. With reference to para. 2 rule 13 evidently ~~[illegible]~~ refers to standard plans & is therefore not inconsistent with rule 16. In fact it has nothing to do with rule 16, but is merely a modification of rule 12. With ref. to the latter portion of the same paragraph, it is submitted that it is only necessary for the San Engr. to design new works above Rs 500.

4. In para. 3 the San. Engr. states that under the new rules he will

The reconstitution may take effect from the date the Civilian member is appointed.

A.A.

As the rules stand I think Mr. Jones is right in saying that rule 13 is inconsistent with Rule 16. His objections to Rule 16 are very forcible. Under Rule 12 standard plans are to be provided for all works ordinarily needed

V.R.
14/11

have to make designs for works, which in 1895 were estimated to cost Rs 1,96,897, & that this work is additional to what he has up till now been doing for this he asks for an additional establishment costing Rs 420 a month. Whether this extra estt. is necessary it is impossible for this office to say, but the Chief Engineer may be asked for his opinion on the point.

3 The increase of work was not considered when the rules were framed, but might be obviated by altering rule 16. It would be sufficient if the San. Engr. approved of all designs for works costing over Rs 500, instead of designing them himself – & as pointed out by him, local bodies are in a better position than the San. Engr. to make such designs, as they are conversant with local wants, materials prices etc.

5. The San. Bd. may be asked to comply with the suggestion in para. 5 of Mr Jones' letter.

WWD
19.10.96

by Local bodies, and if other works are needed they will probably be of a special character and require local knowledge in the preparation of the estimates. Even if the establt. asked for by the Sanitary Engr. is sanctioned there will inevitably be great delay in the preparation of the estimates by that officer & as ex hypothesi ~~the works~~ local knowledge will most likely be required, ~~the~~ it may be anticipated that the S. E's estimates will be objected to & further delay will ensue. It would seem better to let the local bodies prepare their own estimates – if they can – and let the S. Engr. criticise approve or alter them. If the local bodies cannot prepare the estimates let them ask the Sanitary Bd. to have them prepared by the S. Engr. If this arrangement should ~~to~~ lead later on to a requirement by the S. E. for increase of establt. the matter can then be disposed of separately.

The Chief Engr. is however acquainted with the new rules ab initio, so I send the papers to him before circ

ASA 19.10.9

C

H.M.

(1) As to the date of the reconstitution, no orders seem required; the papers were transf. immediately on the receipt of the G.O., & the new San. Bd has been at work ever since. For formal purposes it may be assumed to have begun work from the 24th ~~Sept~~ Octr the date of the G.O. nominating the Civilian member of the Board

T.H.

(2) As to Rule 13, I think Col. Campbell's interpretation of it, is correct & that it refers to works for which standard plans have been prepared. Rule 12, last clause, however allows Loc. Bds. to obtain the advice of the S. Engr. regarding the execution of any work in accordance with the standard plans Eg the situation of a work may warrant an alteration of the plan

Rule 16 fixes (at Rs 500) the limit of the estimated cost of works which must be planned by the S. Engr. Col. Campbell wd. raise this limit to Rs.5

as [illegible] ns for fixing the

limit at R500 originally, please Fly A see Mr Price's note of 15/8/96 with in the originals of G.O. 18th Sept./96 no 1698 L. The H.M. suggested Rs 1000 as a limit, but left it to the C.S., who adhered to his original proposal.

Mr Jones points out that works over R500 in the budgets of 1895 ran up to 2 lakhs for new works, & on this basis finds he wd. require an extra draftsman estabt. costing R.420 p.m. It seems to me however that all these works wd. not fall under Rule 16 — a considerable proportion wd. be works for which there are standard× plans. Rule 16, I take it, relates to new sanitary works for which there are no standard plans. There is therefore some sound reason in fixing a comparatively low limit under Rule 16. At the same time the limit may be raised to R1000 as originally suggested by the H.M.. The advice of the F.E. by the San. Board can always be procured, for any work costing more than R200 under rule 7

B
& also his side-note 10/9/96 on the fair draft

FOR ORDERS.

Quite so —
I see no ~~[illegible]~~ ~~for~~ inconsistency between Rules 13 & 16 & no reason for thinking that any addl. estt. will be needed. On the contrary the work must decrease gradually as more & more standard plans & estimates are prepared.
BD

× see rule 12.

The Rest. of the Bd. should dispose of such matters
BD

×. Such cases wd. be very rare.

~~NOTE FOR THE~~

when the work comes before it

Mr Jones may be asked to revise his proposals for estabt., with regard to the limit which may now be fixed & with reference to the fact that rule 16 relates to works for wh. standard plans are not forthcoming.

(3) The last point is the request for the supply of copies of all Procgs. of the S.B. to the F.E. & H.C. for information. The Chief Engr. D.P.W. points out that this wd. entail a great deal of copying & he wd. leave the supply to the discretion of the Secretary of the San. Bd. ~~[illegible]~~ As to the latter, the more proper course wd. be to leave the matter to the discretion of the Board itself: that discretion being× exerciseable in the case only of plans & ests. wh. the Bd. has approved without reference to the F.E. or H.C. ~~But~~ if these officers are consulted under the ru

I think a copy of the

of the Board shd. invariably be communicated to them — the correspondence need not be copied, only the final orders, as the correspce. will have been already perused by them & it will always be available in the Board's office.

In reading the new Rules I notice one which appears to me unintelligible viz No. 11. No reference however has been made about it.
Rule 11 requires the S.E. to deal with the project "from an engineering "point of view, as laid down in "Rules 7 or 16 as the case may "be." But Rule 7 lays down no such requirement. The words underlined seem unnecessary & may be omitted.

S.R.
8/11/96

It is too soon to begin amending the rules, unless in case of urgent necessity —

10/11/96

re. s.

may be rai

suggested by

the S.E. can always be procured by the San. Board for any work costing more than Rs 200 under rule 7

---

urgent

Local & Munl. (1896) Department.

CURRENT No. 2814L

Order

From The Sanitary Engineer to Govt.

No. 3047

Dated 13th October 1896

Received 13 OCT. [illegible]

Registered

Enclosures nil

Spare copies

SUBJECT.

Sanitary Board

Submitting for orders certain points in connection with the —— rules.

BACK PAPERS.

G.O.	No	Department.	Date.

FURTHER PAPERS.

G.O.	No.	Department.	Date.

Read-also the [illegible] papers

S. E. / 6. 1,000—22-7-96.

No. 3047

urgent

GOVERNMENT OF MADRAS.

OFFICE OF SANITARY ENGINEER,
Fort St. George, 13 Oct 1896.

L. 2814 L

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,

With reference to G. O., No. 1698 L, dated 18th. September 1896 (but received only on 10th. October 1896), I have the honor to enquire whether the Board is to be reconstituted at once as no date is mentioned; until the notifications at the end of the above order become law plans & estimates will continue to come to the Sanitary Engineer, but these can of course be transferred to the Secretary of the Sanitary Board if, as I presume, the order is intended to have force at once.

2. I have also the honor to direct attention to the following points:-

Unless Rule No. 15 refers solely to works costing between Rs 200 & Rs 500 it appears it is not quite consistent with rule No. 16 wherein it is laid down that the Sanitary Engineer is to design all works above Rs 500. With reference to this latter rule it is presumed that the rule does not include repairs with which, over an area of 141,189 Square Miles, it would be impossible for the Sanitary Engineer to deal.

3. Even in regard to original works the

design of these will, it is thought, not be so satisfactory as if designed by persons conversant with local wants, needs, manufactures, materials, prices, soils &c. The transfer of this work will moreover require a large increase to the office staff. The amount of work over ₨ 500 estimated for during 1895 by Municipalities & Local Fund Boards amounted to ₨ 1,96,897 for new works & ₨ 65,513 for repairs & to overtake even the former which is in every sense additional to that now being done in the Sanitary Engineer's Office, the following staff will be required:-

Average
1. Head Draftsman on ₨ 80 to 100--- 95
2. Draftsmen on -----₨ 50 to 70------130
2. Estimators on-----₨ 50 to 70-------130
2. Tracers on--------₨ 25 to 35------ 65
420

This is only 2½ % on the estimates & the tendency is for Sanitary Works to increase in number not decrease.

4. I doubt if Government realised this increase of work when passing orders & I therefore do not send forward a proposition statement until Government is pleased to pass orders on this letter. Government may perhaps intend Local Fund Boards and Municipalities to contribute to this as they will be relieved of a large amount of work.

5. May I be permitted to suggest that in order to keep the Sanitary Commissioner & Sanitary Engineer acquainted with what orders are being passed by the Board, ~~that~~ the Secretary Sanitary Board should be directed to send copies of all proceedings to the Sanitary Commissioner & the Sanitary Engineer for information only.

I have the honor to be,
Sir,
Your most obedient servant,

J. A. Jones

Sanitary Engineer to Government.

Local & Munl. (1896) Department.

CURRENT No.

CHIEF SECRETARY
30-OCT. 1896
GOVERNMENT OF MADRAS

From The Public Works Deptt.

Order.

No. 3809 C.

Dated 29th October 1896
Received
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SUBJECT.

Sanitary Board Rules

Transferring note by the Chief Engineer P.W.D. on the ——

BACK PAPERS.

G.O.	No.	Department.	Date.

FURTHER PAPERS.

G.O.	No.	Department.	Date.

Public Works Department.

Note by the Chief Engineer, P.W.D.

No. 3808 Cd/29-October 1898

Rule No. 13 refers to particular works, which are mentioned in rule 12 for which standard plans are issued and repairs are obviously excluded.

2. My original rule 16 was the old rule 12 and I think should have been adopted, but the Chief Secretary altered it and cut down the limit from Rs. 10,000 to Rs. 500 or Rs. 100 at the outside, and the Hon. Mr. Bliss on this remarked that the limit should be Rs. 2,000 or perhaps 1,000, but that the Chief Secretary is better able to advise than he is; the result was that the limit of Rs. 500 to which the Sanitary Engineer takes exception was entered. I quite agree with the objections taken by the Sanitary Engineer and I therefore think that my original rule 16 should be adopted, the limit being Rs. 5,000 instead of Rs. 10,000. The Sanitary Board would consult the Sanitary Engineer on all estimates that come before it (i.e. those exceeding Rs. 200) on which they might require his opinion.

3. Para 5 of the Sanitary Engineer's letter. To send copies of all Sanitary Board Proceedings to the Sanitary Commissioner and the Sanitary Engineer would entail more copying

copying work on the Sanitary clerk than one man could possibly do, in addition to his other duties. The proposed arrangement does not, moreover, seem necessary. The matter might be left to the discretion of the Secretary.

4. As regards the date on which the new rules are supposed to come into effect, it may be remarked that on the receipt of G.O. 1698 L., dated 18th September 1896, both the Sanitary Commissioner and the Sanitary Engineer promptly transferred to the Secretary of the new Board as many subjects as they could conveniently (2) relieve themselves of; and as there was nothing in the G.O. to prevent this being done, the work was taken ~~up~~ up and is being continued by the Secretary and the two members already appointed. The new clerk whose services were urgently required, has also since joined for duty.

(Signed)
D. Mc. Neil Campbell, Col. R.E.,
Chief Engineer.

No. 3809 C, 29th October 1896

Transferred to the Local and Municipal Department.

John Campbell Colonel, R.E.,
Secretary.

To The Local & Municipal Dept. with its C. No. 2814 L. and other papers returned.

Government (1896) of Madras.

LOCAL AND MUNICIPAL.

Recd. } 1896. Enclosures
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G.O., No. 2163 L., 14th November 1896.

NOVEMBER.

Sanitary Board.

Passing orders on letter from the Sanitary Engineer submitting for consideration certain points in connection with the rules issued for conducting the business of the —.

GOVERNMENT OF MADRAS.

LOCAL AND MUNICIPAL DEPARTMENT.

Read—again the following paper :—

G.O., No. 1698 L., dated 18th September 1896.

Abstract.—Reconstituting the Sanitary Board, issuing revised rules for conducting its business and making certain alterations in the rules sanctioned in G.O., No. 79 L., dated 16th January 1891, regarding the scrutiny of plans and estimates for sanitary works.

Read—also the following paper :—

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, 13th October 1896, No. 3047.

With reference to G.O., No. 1698 L., dated 18th September 1896 (but received only on 10th October 1896), I have the honour to inquire whether the Board is to be reconstituted *at once* as no date is mentioned ; until the notifications at the end of the above order become law plans and estimates will continue to come to the Sanitary Engineer, but these can, of course, be transferred to the Secretary of the Sanitary Board if, as I presume, the order is intended to have force at once.

2. I have also the honour to direct attention to the following points :—

Unless Rule No. 13 refers solely to works costing between Rs. 200 and Rs. 500 it appears it is not quite consistent with Rule No. 16 wherein it is laid down that the Sanitary Engineer is to design *all* works above Rs. 500. With reference to this latter rule, it is presumed that the rule does not include repairs with which, over an area of 141,189 square miles, it would be impossible for the Sanitary Engineer to deal.

3. Even in regard to original works the design of these will, it is thought, not be so satisfactory as if designed by persons conversant with local wants, needs, manufactures, materials, prices, soils, &c. The transfer of this work will moreover require a large increase to the office staff. The amount of work over Rs. 500 estimated for during 1895 by Municipalities and Local Fund Boards amounted to Rs. 1,96,897 for new works and Rs. 65,513 for repairs, and to overtake even the former, which is in every sense additional to that now being done in the Sanitary Engineer's Office, the following staff will be required :—

	Average.
	RS.
One head draftsman on Rs. 80 to 100	95
Two draftsmen on Rs. 50 to 70	130
Two estimators on Rs. 50 to 70	130
Two tracers on Rs. 25 to 35	65
Total ..	420

This is only $2\frac{1}{2}$ per cent. on the estimates and the tendency is for sanitary works to increase in number not decrease.

4. I doubt if Government realised this increase of work when passing orders, and I therefore do not send forward a proposition statement until Government is pleased to pass orders on this letter. Government may perhaps intend Local Fund Boards and Municipalities to contribute to this as they will be relieved of a large amount of work.

5. May I be permitted to suggest that in order to keep the Sanitary Commissioner and Sanitary Engineer acquainted with what orders are being passed by the Board, the Secretary, Sanitary Board, should be directed to send copies of all proceedings to the Sanitary Commissioner and the Sanitary Engineer for information only.

Order—No. 2163 L., dated 14th November 1896.

The reconstituted Sanitary Board will be considered to have entered upon its duties from the 24th October, the date of the Government order nominating the Civilian member of the Board.

2. With reference to paragraphs 2 to 4 of the Sanitary Engineer's letter, it is observed that No. 13 of the Sanitary Board Rules refers to the particular works mentioned in Rule 12, for which standard plans are issued, and obviously excludes repairs, while Rule 16 relates to new sanitary works for which there are no standard plans. The rules are, therefore, not inconsistent, nor does the Government see at present any reason for thinking that additional establishment will be needed.

3. The suggestion made by the Sanitary Engineer in the last paragraph of his letter will be disposed of by the President of the Sanitary Board.

(True Extract.)

G. S. FORBES,
Secretary to Government.

To the Sanitary Board.
,, the Sanitary Engineer.
,, the Sanitary Commissioner.
,, the Public Works Department.
,, the Public Department.
,, the Financial Department.
,, all Collectors.
,, all Presidents of District Boards.
,, all Chairmen of Municipal Councils.
,, the Surgeon-General.
,, the Accountant-General.

Exd. C. M. Thumbuswamy.

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READ AGAIN G.O. No. 16984 DATED 9- 1896 - } —— P-

CURRENT No. 2814 L —— A

ENCLOSURES TO C. No.

ORDER OF GOVERNMENT

LETTER OF GOVERNMENT

STATEMENT WITH DITTO.

PAPERS NOT FILED UP BEING MEANT FOR DESPATCH IN ORIGINAL.

Press
Please send
proof on Monday
14/11

N.B.—
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Some papers signed 26/11/96