

1. Number of pages *10*
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3. Initials of Referee *+*

M.R.O. 1-22 400-22-11-20

MADRAS RECORD OFFICE.

Government of Madras.

Public

DEPARTMENT.

G.O. No.

1189

Press
~~Mis.~~

Dated

25-8-

1869.

Not to be folded or roughly handled

*Proceedings of the Madras Government Public Department,
25th August 1869.*

No. 182. Read the following Proceedings of the Government of India, Public Works Department ; dated Simla, 15th June 1849, No. 543-M.

Military Works.

Sanitary measures for improving Indian Stations.

Read again the following Circulars to local Governments and Administrations :—
Public Works Department Circular, No. 16, dated 21st February 1865.

" " " Memorandum Nos. 31—8, dated 8th January 1866.

Read also the following communications from the Home Department :—

No. 87, dated 6th July 1868.

No. 127, dated 9th September 1868.

—

OBSERVATIONS.—The Home Department forwarded to this Department under its endorsement, No. 87, dated 6th July 1868, above-quoted, a letter from the Secretary of State asking for information in regard to various points relating to the progress that has been made, of late years, in connexion with sanitary improvements in India; and it was requested that " information should be afforded on all those parts of the despatch which fall within the province of this Department."

2. There are only two paragraphs in the Secretary of State's despatch that require notice in the Public Works Department, viz., paragraphs 6 and 8.

3. Paragraph 6 relates to the question of the advisability or otherwise of " sending some competent Engineer Officers to England to study the systems of drainage, water-supply, sewage, irrigation, and other general sanitary improvements now in operation in that country ;" the object being that they might " acquire a practical experience which will be of the greatest value to them when employed on similar duties in India." In connexion with this, a further reference has been made to this Department by the Home Department for an opinion, with reference to an application from the Madras Government for the appointment from England of a special Engineer to superintend the carrying out of all sanitary works (particularly those of water-supply and drainage) in that Presidency. The Sanitary Commissioner with the Government of India, to whom this latter question has been also referred, prefers the arrangement suggested by the Secretary of State of sending Officers to England to study the subject. He says that all public works, to a greater or less extent, embrace sanitary questions, and that the Engineer should be acquainted with the country and the means at his disposal for carrying out schemes of improvement ; that such knowledge cannot be attained until after a period of some residence, and that an Engineer from England would, for some time at least, be of but little practical use.

4. The Governor General in Council in this Department agrees in the general reasoning of the Sanitary Commissioner, but does not think that there is any speciality in sanitary engineering, or that any one man, unless vested with very high authoritative powers, and personally acquainted with full particulars of locality in each case about which he might be consulted, would be of much service.

5. Nor does His Excellency in Council in this Department think it necessary to depute, " specially," Engineers to England. This could only be done at considerable cost, and at the expense of crippling the Public Works Department establishments.

*Proceedings of the Madras Government, Public Department,
25th August 1869.*

6. The desirability of deputing an Officer to England to study the particulars of any special work upon which it might be intended to employ him on his return to India is apparent. But it seems to be out of the question to depute a number of Officers to study, what after all can only be said to be a class of ordinary engineering details which constitute a portion, more or less, of every Engineer's practice in this country. Moreover, supposing even the necessity to arise for any special sanitary project that would occupy the undivided attention of an Officer, it might not be convenient to employ a "deputed" Engineer upon it.

7. If the principle of deputation be accepted in this case, it might with equal propriety be extended to every branch of general engineering, (practised in India,) in which it may be considered that English Engineers are greater adepts than those of this country.

8. It might be useful to make young Engineers, before coming to this country, go through a special sanitary course, and also to encourage Engineers on leave, by payment of travelling expenses and some allowance, to study the subject; but nothing more appears to the Governor General in Council in this Department to be necessary.

No. 309.

Extract paragraphs 1 to 8, forwarded to the Government of Madras, with reference to the communication thence, No. 790, dated the 2nd July 1868.

By order, (Signed) J. GEOGHEGAN,
HOME DEPARTMENT, SANITARY, Under Secy. to the Govt. of India.
SIMLA, 20th July 1869.

No. 183. ORDER THEREON, 25th August 1869, No. 1189.
To be recorded.
(True Extract).

[R. S. ELLIS,
Chief Secretary.

Exd. J. Wright.

No. 545. M.

GOVERNMENT OF INDIA.
PUBLIC WORKS DEPARTMENT.
MILITARY WORKS.

SIMLA, 15TH JUNE 1869.

Sanitary measures for improving Indian Stations.

READ again the following circulars to Local Governments and Administrations:—

Public Works Department circular No. 16, dated 21st February 1865.

" " " memorandum Nos. 31—8, dated 8th January 1866.

Read also the following communications from the Home Department:—

No. 87, dated 6th July 1868.

No. 127, dated 9th September 1868.

OBSERVATIONS.—The Home Department forwarded to this Department, under its endorsement No. 87, dated 6th July 1868, above-quoted, a letter from the Secretary of State asking for information in regard to various points relating to the progress that has been made, of late years, in connection with sanitary improvements in India; and it was requested that "information should be afforded on all those parts of the despatch which fall within the province of this Department."

2. There are only two paragraphs in the Secretary of State's despatch that require notice in the Public Works Department, *viz.*, paragraphs 6 and 8.

3. Paragraph 6 relates to the question of the advisability or otherwise of "sending some competent Engineer Officers to England to study the systems of drainage, water-supply, sewage, irrigation and other general sanitary improvements now in operation in that country." The object being that they might "acquire a practical experience which will be of the greatest value to them when employed in similar duties in India." In connection with this, a further reference has been made to this Department by the Home Department for an opinion, with reference to an application from the Madras Government for the appointment from England of a special Engineer to superintend the carrying out of all sanitary works (particularly those of water-supply and drainage) in that Presidency. The Sanitary Commissioner with the Government of India, to whom this latter question has been also referred, prefers the arrangement suggested by the Secretary of State of sending officers to England to study the subject. He says that all public works, to a greater or less extent, embrace sanitary questions, and that the Engineer should be acquainted with the country and the means at his disposal for carrying out schemes of improvement; that such knowledge cannot be attained until after a period of some residence, and that an Engineer from England would, for some time at least, be of but little practical use.

(2)

4. The Governor General in Council in this Department agrees in the general reasoning of the Sanitary Commissioner, but does not think that there is any speciality in sanitary engineering, or that any one man, unless vested with very high authoritative powers and personally acquainted with full particulars of locality in each case about which he might be consulted, would be of much service.

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No. 309

Extract paragraphs 1 to 8. forwarded to the Government of Madras with reference to the Commission on Sanitary Measures, dated the 2nd July 1868.

Sanitary Department.

Sanitary.

W. 20th July 1869.

By order.

Under Secy to the Govt. of India

*Pro 2nd July/68 No. 106.
-5- 1869-70*

31 Aug/68 No. 246-247

W. 27 Nov. 1868

Public

1869 DEPARTMENT.

From

Under Secretary to the Govt. of India,
Home Department.

No. *309*

Dated

20 July

Received

20 Aug.

No. *1831.*

Coming observations on the subject of Sanitary measures for improving Indian Stations

No. 189 - 25 Aug/69

W. M. R. N.

20/8

182 + 183

Govt. of 1869 Madras.

PUBLIC.

Dated August, 25th.

Recd.

Encl.

G. O., 25th August 1869, No. 1189.

AUGUST.
Nos. 182-183.

Recording observations of the Government of
India on the subject of sanitary measures for im-
proving Indian stations.

Govt. of 1869 Madras.

Public

Recd Aug 25.

Encl.

G. O. 25 Aug. 1869, No. 1189

Nos. 182-183

Recording observations of
the Govt. of India on the
subject of sanitary mea-
sures for improving
Indian stations.