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MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

G.O. No. 3306 Press ~~Mis.~~

392-393

Dated 16—10— 1866.

Not to be folded or roughly handled

Proceedings of the Madras Government, Public Works Department,
16th October 1866.

No. 392. Read the following Circular from the Government of India, Public Works Department, (Military Works,) dated Simla, 8th September 1866, No. 74 :—

Governments of Madras, Bombay, and N. W. P.
Governor, Straits Settlements.
Chief Commissioners, Central Provinces and British Burmah.
Commissioner of Mysore.
Resident at Hyderabad, and
Agents, Governor General, for Central India and Rajpootana.
Military Department.
Adjutant General.
Quarter Master General.
Sanitary Commissioner for Bengal.

Copy of the following correspondence, together with a lithographed copy of the plan referred to, forwarded, for information, to the Local Governments and Administrations and Heads of Departments noted on the margin, and for guidance to the Governments of Bengal and the Punjab, in the Public Works Department, and to the Chief Commissioner of Oudh, with reference to the construction of platforms at the Stations of Dum-Dum, Dinapoor, Rawul Pindee and Lucknow.

By order,

(Signed) C. H. DICKENS, Lieut.-Colonel, R. A.,
Secretary to the Government of India.

Office Memorandum from the Officiating Deputy Secretary to Government of India, Military Department, to the Secretary to Government of India, Public Works Department, dated 28th August 1866, No. 257.

In transmitting the enclosed copy of correspondence regarding the introduction of glazed earthen-ware urinals for barracks, the undersigned is directed to request that the Public Works Department will be so good as to issue the necessary orders for the construction of the necessary platforms, at the Stations indicated in the communication from the Quarter Master General, No. 1,399 B, dated 22nd August 1866.

Letter from the Quarter Master General, No. 933 B, dated 15th June 1866. (Deposited.)
Memorandum to the Sanitary Commissioner for Bengal, No. 167, dated 20th June 1866. (Deposited)
Letter from the Sanitary Commissioner for Bengal, No. 375, dated 25th June 1866. (Deposited)
Letter to the Quarter Master General, No. 16, dated 3rd July 1866.
Letter from the Quarter Master General, No. 1,399 B, dated 22nd August 1866, and plan.

Extract from No. 1,332 *of* 30*th November* 1865, *from Government of India, Military Department, to Quarter Master General.*

"That the urinals be of glazed earthen-ware, raised on platforms, which should be covered with a layer of dry earth, as suggested by the Sanitary Commission."

Extract No. 389 *A, dated* 13*th October* 1865, *from President, Sanitary Commission, to Government of India, Military Department.*

3. "In the plan of the urinary, the exact position and size of the urinals are not shown ; on these points, the suggestions contained in the 2nd conclusion of the Commissions' Report on earth sewage, ought to be adopted. The standard urinals, at present in use, are too unwieldy, and are apt to corrode and become offensive."

Extract from Commission Report, dated 2nd September, 1865.

"Pans for latrines and urinals should invariably be made of glazed earthern-ware and not of iron, which in time corrodes and emits unpleasant odours in spite of all efforts to keep it clean.

The urinals in particular should be of the simplest description ; a number of glazed earthenware vessels raised on a platform, for the sake of convenience, and the platform covered with a layer of dry earth. They could be easily and cheaply supplied by the Jails, and the various heads of that Department might be communicated with on the matter."

Specification of glazed earthen-ware urinal on raised platform as recommended by the Sanitary Commission.

The urinal to be a circular glazed earthen-ware vessel, one foot in height and ten inches in diameter, with a projecting lip or spout at one part of the upper rim to admit of the contents being poured into the air-tight receptacle without spilling. On each side of the upper-half of the vessel, a projection is required to serve as a handle. If the urine be removed frequently, as recommended, the vessel will be found sufficiently large.

The raised platform to be one foot three inches high; its width will depend on the plan of urinary adopted, but it need not be wider than two feet. It should be made of pucka brick set in mud, no lime on any account being used in its construction. The layer of earth spread on it need not be above one inch in depth, but care should be taken to have any portions wet with urine removed at once, and also to see that the whole layer of earth is lying loose and dry.

Military Department, Simla, 3rd July 1866.

Read letter from the Sanitary Commissioner for Bengal, No. 375, dated 25th June 1866, communicating the description of a glazed earthen-ware urinal on raised platforms, as recommended by the Sanitary Commission.

No. 16.

Endorsed by Military Department.

Copy of the foregoing forwarded to the Quarter Master General for the information of His Excellency the Commander-in-Chief, with reference to Colonel Paton's letter No. 935 B, dated 15th ultimo.

From the Quarter Master General, to the Officiating Secretary to Government of India, Military Department, dated 22nd August 1866, No. 1,399 B.

With advertence to your letter to my address, No. 1,332, dated the 30th November 1865, and to No. 16 of 3rd July, current, I am desired to submit lithographed drawings* of the glazed earthen-ware urinal approved of by the Sanitary Commissioner for Bengal, and to state that it has been circulated to Commands, in view to enquiries being made as to whether suitable vessels can be made, and at what price, in any of the jails and cities in the neighbourhood of Military Cantonments; orders have also been issued for its introduction in the Infantry Lines at Rawul Pindee, Dum-Dum, Lucknow, and Dinapoor, where the dry-earth system has been ordered to be carried out with special appliances, and I am to request that the Public Works Department may be moved to order the construction of the necessary platforms at the Stations mentioned, as early as practicable.

* Five copies.

No. 393. ORDER THEREON, 16th October 1866, No. 3,306.

MILITARY WORKS, No. 14.

Communicated to the Military Department and to the Superintending Engineers.

(True Extract.)

(Signed) CHARLES A. ORR, Colonel, R. E.,
Secretary to Government.

To the Military Department,
To Superintending Engineers, } with Plan.

Exd. S. T. Augustin.

/2/

CIRCULAR No. 74 PUBLIC WORKS.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

Military Works.

SIMLA, SEPTEMBER 8, 1866.

Copy of the following correspondence, together with a lithographed copy of the plan referred to, forwarded, for information, to the Local Governments and Administrations and Heads of Departments noted on the margin, and for guidance to the Governments of Bengal and the Punjab, in the Public Works Department, and to the Chief Commissioner of Oudh, with reference to the construction of platforms at the Stations of Dum-Dum, Dinapoor, Rawul Pindee, and Lucknow.

Governments of Madras, Bombay, and N. W. P.
Governor, Straits Settlements.
Chief Commissioners, Central Provinces and British Burmah.
Commissioner of Mysore.
Resident at Hyderabad, and
Agents, Governor General, for Central India and Rajpootana.
Military Department.
Adjutant General.
Quarter Master General.
Sanitary Commissioner for Bengal.

(By order)

(Signed) C. H. DICKENS, *Lieut.-Col., R. A.,*
Secy. to the Govt. of India.

William McSherry *C. E.,*
Offg. Asst. Secy. to the Govt. of India.

No. 257, dated 28th August, 1866.

Office Memo. from—MAJOR A. JOHNSON, *Offg. Depy. Secy. to Govt. of India, Mily. Dept.,*

To—Secretary to Government of India, P. W. Dept.

In transmitting the enclosed copy of correspondence regarding the introduction of glazed earthen-ware urinals for barracks, the undersigned is directed to request that the Public Works Department will be so good as to issue the necessary orders for the construction of the necessary platforms, at the Stations indicated in the communication from the Quarter Master General, No. 1399 B, dated 22nd August 1866.

Letter from the Quarter Master General, No. 935 B, dated 15th June 1866. *(Deposited.)*
Memorandum to the Sanitary Commissioner for Bengal, No. 167, dated 20th June 1866. *(Deposited.)*
Letter from the Sanitary Commissioner for Bengal, No. 375, dated 25th June 1866. *(Deposited.)*
Letter to the Quarter Master General, No. 16, dated 3rd July 1866.
Letter from Quarter Master General, No. 1399 B, dated 22nd August 1866, and plan.

Extract from No. 1332 *of* 30*th November* 1865, *from Government of India, Military Department, to Quarter Master General.*

"That the urinals be of glazed earthen-ware, raised on platforms, which should be covered with a layer of dry earth, as suggested by the Sanitary Commission."

To the Secy. to the Govt. of Madras,
Public Works Deptt.

Extract No. 389 *A, dated* 13*th October* 1865, *from President, Sanitary Commission, to Government of India, Military Department.*

3. "In the plan of the urinary, the exact position and size of the urinals are not shown; on these points, the suggestions contained in the 2nd conclusion of the Commission's Report on earth sewage, ought to be adopted. The standard urinals, at present in use, are too unwieldy, and are apt to corrode and become offensive."

Extract from Commission Report, dated 2nd September, 1865.

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The urinals in particular should be of the simplest description; a number of glazed earthen-ware vessels raised on a platform, for the sake of convenience, and the platform covered with a layer of dry earth. They could be easily and cheaply supplied by the Jails, and the various heads of that Department might be communicated with on the matter."

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Military Department, Simla, 3rd July, 1866.

Read letter from the Sanitary Commissioner for Bengal, No. 375, dated 25th June 1866, communicating the description of a glazed earthen-ware urinal on raised platforms, as recommended by the Sanitary Commission.

No. 16.

Endorsed by Military Dept.

Copy of the foregoing forwarded to the Quarter Master General for the information of His Excellency the Commander-in-Chief, with reference to Colonel Paton's letter No. 935 B, dated 15th ultimo.

No. 1399 B, dated 22nd August, 1866.

From—Colonel J. S. Paton, *Quarter Master General,*

To—*Officiating Secretary to Government of India, Mily. Dept.*

With advertence to your letter to my address, No. 1332, dated the 30th November 1865, and to No. 16 of 3rd July, current, I am desired to submit lithographed drawings* of the glazed earthen-ware urinal approved of by the Sanitary Commissioner for Bengal, and to state that it has been circulated to Commands, in view to enquiries being made as to whether suitable vessels can be made, and at what price, in any of the jails and cities in the neighbourhood of Military Cantonments; orders have also been issued for its introduction in the Infantry Lines at Rawul Pindee, Dum-Dum, Lucknow, and Dinapoor, where the dry-earth system has been ordered to be carried out with special appliances, and I am to request that the Public Works Department may be moved to order the construction of the necessary platforms at the Stations mentioned, as early as practicable.

* 5 copies.

P. W. 1866 Sept
Rec.d at Govt. Gen.l Office October
Ep.s 4093

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

MILITARY WORKS.

To The Secy.s to Govt. of India

CIRCULAR No. 74 PUBLIC WORKS.

Dated SIMLA, *September* 8, 1866.

Received. 5 October

Encl: one.

Plan general & Specification

Introduction of glazed earthen-ware urinals for Barracks.

No. 3306 - 16th Octr/66.

Write and Order

No. 392-393

C. 8th Octr/66 R. 10th

Circ

No. 3306

Comd. to the

Inspr Genl Fortifs and to

the Supg Engineers

Fort St George

16th Octr/66

To Insp Genl Fortifs

" Supg Engrs

" Chief Engr Secunderabad

Write Plan

Deptl 18th October

Plan Dept 5th Nov/66