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MADRAS RECORD OFFICE

Government of Madras

Public Works DEPARTMENT

G.O. No. 1703	Press
B.P. No.	Mis.
Dated 5-7- 1876	195 .

Not to be folded or roughly handled

Proceedings of the Madras Government, Public Works Department,
5th July 1876. *No.* 1,703.

No. 77. Read the following Proceedings of the Madras Government in the Educational Department, dated 21st June 1876, No. 238 :—

Read the following letter from the Colonial Secretary, Melbourne, Victoria, to the Chief Secretary to the Government of Madras, dated 16th May 1876, No. 1,327 :—

I HAVE the honor to request that you will be so good as to cause to be furnished, for the use of the Municipal Surveyors' Board of this Colony, copies of the rules and regulations in use by the various Committees or Boards of Examiners of Engineers and Surveyors of Land and Works in India, together with a list of the subjects of examination and the mode of determining results, &c.

2. The Board are desirous that all replies may be addressed to their Secretary, Roads and Bridges Branch, Railways and Roads Department, Spencer Street, Melbourne, so that all future communications may be carried on direct between the several Secretaries.

3. I enclose a copy of the regulations of the Municipal Surveyors' Board of this Colony.

COMMUNICATED to the Department of Public Works and to the Director of Public Instruction in view to full and complete information being supplied direct to the address named.

(True Extract.)

(Signed) W. T. FAREWELL, Colonel,
Offg. Under Secy. to Govt., P.W.D.,
for *Chief Secretary.*

No. 78. ORDER THEREON, 5th July 1876, No. 1,703.

ESTABLISHMENT, No. 10-A.

COMMUNICATED to the Chief Engineer, Public Works Department, and the Chief Engineer for Irrigation, who will, on application from the Director of Public Instruction, afford that officer any information which they may be in a position to supply.

(True Extract.)

Colonel,
Offg. Under Secy. to Govt., P.W.D.

To the Educational Department.
„ Chief Engineer, Public Works Department.
„ „ for Irrigation.

Exd. J. W. Fischer.
Spare Copies

[*From the "Victoria Government Gazette" of 24th December 1875. No. 94.*]

MUNICIPAL SURVEYORS' BOARD.

CHARLES ROWAND, Esquire, C.E., Road Engineer, Department of Railways and Roads, Chairman;

EDWARD DOBSON, Esquire, C.E., Resident Engineer, Department of Victorian Water Supply, Member;

W. C. KERNOT, Esquire, M.A., C.E., Lecturer on Civil Engineering, Melbourne University, Member.

THE following Regulations under which certificates will be issued by the "Municipal Surveyors' Board," appointed in accordance with the provisions of the *Local Government Act* 1874, were approved by the said Board and confirmed by His Excellency the Administrator of the Government in Council on the 3rd May, 21st June, 13th September, and 11th November 1875, viz.:—

1. Examinations of candidates for certificates of "Competency," "Service," or "Qualification" will be held in Melbourne, at a place to be from time to time hereafter appointed, commencing at Ten o'clock a.m. on the first Tuesday in the months of February, May, August, and November in each year.

CERTIFICATES OF COMPETENCY.

2. Candidates must be in attendance in the examination room punctually at the hour named each day, and in the event of any adjournment at the hour named for such adjournment.

3. Every candidate must forward, fourteen clear days at least before the day of examination on which he intends to present himself, to the secretary of the Board, notice in writing of such intention, and at the same time must enclose his Articles of Indenture, or satisfactory certificates (with copies of same on foolscap paper) of not less than three years' preliminary service in the offices of some one or more competent engineer or surveyor; or of service for a like period as duly appointed surveyor of roads to a corporate body.

4. Satisfactory evidence must be produced, if required, of the age and respectability of character of any candidate; and no candidate shall be eligible for examination under the age of twenty-three years, or who has been convicted of a breach of trust.

5. Regulations Nos. 3 and 4 being duly complied with, the candidate will receive a notice from the secretary that his preliminary papers have been accepted or rejected, as the case may be, and if accepted must, upon receipt of notice to such effect, forward to the secretary the sum of (£2 2s.) Two pounds two shillings, the production of the receipt for which will be the candidate's passport to the examination room.

6. Two classes of certificates of competency will be issued (marked A and B), B being the ordinary certificate, and that marked A denoting that the candidate has passed with credit.

7. If a candidate presents himself more than twice, and is successful at the third or any subsequent examination, the last fee will be returned to him.

8. Gentlemen holding the B certificate under this or previous Statutes may present themselves for the purpose of obtaining the A certificate, on payment of a fee of (£1 1s.) One pound one shilling, and giving notice to the secretary, not less than fourteen clear days before the day of examination, of intention to come forward for said certificate.

When making application for the A, the B certificate must be returned to the secretary; and in the event of a first class (A) being granted, the second class one (B) will be cancelled by the Board.

9. Candidates must provide themselves with drawing instruments, scales, and a book of logarithms.

10. Each examination will occupy the space of three days, during which six sets of questions will be issued to each candidate.

The 1st, 3rd, and 5th sets of questions will be issued at 10 a.m. each day, and the replies thereto must be handed to the secretary before 1 p.m. The 2nd, 4th, and 6th sets of questions will be issued at 2 p.m. each day, and the replies thereto must be handed to the secretary before 5 p.m.

The answers to the questions must be written on one side only of each sheet of paper, signed by the candidate, arranged in consecutive order, with the question sheet on the top, and pinned together.

Any candidate detected in the act of using books or notes (except a book of logarithms), or of giving or receiving assistance, will be dismissed from the examination room.

11. Candidates will be examined in a selection made by the Board from the following list of subjects, viz.:—

Field Work and Topography.

Adjustment and use of instruments.
Surveying and levelling.
Plotting surveys and sections.

Laying out Roads.

General principles.
Gradients.
Drainage.

Construction of Roads.

Drainage—surface and sanitary.
Width and profile of roads.
Cuttings and embankments.
Selection of material.
Mode of execution.
Measurement of earthwork.
Pitching and metalling; and
Macadamised roads, principles and execution of.

Road Maintenance.

Principles.
Materials and plant.
Execution.

Town Improvements.

Drainage and sewerage.
Carriageway, footpaths, and side-channels.

Bridges, Culverts, and Retaining-walls.

General principles and practice in each class of material.
Masonry.
Brickwork.
Concrete, mortars, and cements.
Ironwork.
Carpentry.

Collection, Storage, and Distribution of Water.

To include the construction of reservoirs, and the principles and practice of the distribution of water through pipes and open channels.

CERTIFICATES OF SERVICE.

12. Every applicant for a certificate of service must forward to the secretary, fourteen clear days at least before the day of examination on which he intends to apply for a certificate, a copy of the minute of his appointment embodied with satisfactory documentary evidence, under seal, and also copies of same on foolscap paper, showing that he is entitled under the provisions of the 187th section of the *Local Government Act* 1874 to such certificate. A fee of One pound one shilling (£1 1s.) must be forwarded to the secretary when making application for a certificate of service.

The presence of the applicant will not be necessary unless specially requested to attend.

CERTIFICATES OF QUALIFICATION.

13. Every applicant for a certificate of qualification must forward to the secretary, fourteen clear days at least before the day of examination on which he intends to apply for such certificate, original certificates, and copies of same on foolscap paper, showing that he has passed examinations in surveying and engineering conducted by an examining body; and at the same time must enclose a fee of (£1 1s.) One pound one shilling.

The presence of the applicant will not be necessary unless specially requested to attend.

14. Cheques will not be accepted, in any case, in payment of the fees demanded.

15. Every applicant, whether for certificate of competency, service, or qualification, must legibly give his name in full and postal address in the margin of his letter of application.

N.B.—The word "Surveyor" is used as meaning a surveyor of land and works.

(L.S.) E. W. WINTLE,
Secretary to Municipal Surveyors' Board.

Office of Railways and Roads,
Melbourne, 11th November 1875.

By Authority: GEORGE SKINNER, Acting Government Printer, Melbourne.

L. Nr. 4b 49/7.6

No 1703 of 5 July 76.

Communicated to the Chief Engineer Public Works Department and the Chief Engineer for Irrigation who will on application from the Director of Public Instruction afford that Officer any information which they may be in a position to supply

Nos. 1876

Proceedings of the Victorian Education Dept

Dated 21st June
Received 29th } 1876

Reed. Dated To No 238

Endorsed

Govt. of Vict. 1876 } Customs.

187 , No.

Requesting that the Colonial Secretary Melbourne Victoria, may be furnished direct with complete information in connection with the rules and regulations in use by the various Committees or Boards of Examiners of Engineers and Surveyors of Land and Works in the Colony.

No 77-78

Ed. Dept: ✓
Chief Engr: Public Works Dept ✓
do do for Irrigation ✓
Cir-1-7-76 Despatch from Govt
Despd to Govt-30-6-76. July 76

With Order

4649 C.H

Govt. of {1876} Madras.

PUBLIC WORKS.

To

The Educational Dept.

Date

Inst.

Letd. Encl.

G. O., 5 July 1876, No. 1703

Nos 77 - 78

Rules and regulations in use by the various Committees or Boards of Examiners of Engineers and Surveyors of Land and Works in India. - Pro in the Education Dept. requesting that the Colonial Secretary, Melbourne Victoria, may be furnished direct with complete information in connection with the ____ Canal to the Chief Engr and Chief Engr for Irrigation

Dispatched 29-7-76

Despatch from - 1-7-76
Despatch to Govt - 31-6-76. July 76

19