

- by the Institute, with from 10 to 15 years' experience in his particular work.
- 3b. Departmental Engineer having charge of specifications for, and design of, electrical work, substations, powerhouses and switching stations, \$7,500. Same qualifications as for 3a.
- 3c. Departmental Engineer having charge of surveys and design of transmission lines, high tension and low tension, \$5,000. Same qualifications as for 3a.
- 3d. Departmental Engineer having charge of construction, \$7,500. Should preferably be a graduate from an engineering school recognized by the Institute, with from 10 to 15 years' experience on construction, with requisite executive ability to organize and handle large forces of men on the various works indicated by 3a, 3b and 3c.
- 3e. Departmental Engineer having charge of research and tests, \$5,000. Same qualifications as for 3a.
- 3f. Departmental Engineer having charge of operation and maintenance, \$7,500. Same qualifications as for 3a.
- 3g. Departmental Engineer having charge of power contracts, \$5,000. Same qualifications as for 3a.
- 4a. Deputy Departmental Engineer having charge of surveys, specifications for and design of hydraulic structures, drafting and engineering records and hydrometric records, \$4,800. Should preferably be a graduate from an engineering school recognized by the Institute, with 8 years' experience in his particular work.
- 4b. Deputy Departmental Engineer having charge of specifications for and design of electrical work, substations, powerhouses and switching stations, \$4,800. Same qualifications as for 4a.
- 4c. Deputy Departmental Engineer having charge of surveys for and design of transmission lines, high tension and low tension, \$3,000. Same qualifications as for 4a.
- 4d. Deputy Departmental Engineer having charge of construction, \$4,800. Same qualifications as for 4a.
- 4e. Deputy Departmental Engineer having charge of research and tests, \$3,000. Same qualifications as for 4a.
- 4f. Deputy Departmental Engineer having charge of operation and maintenance, \$4,800. Same qualifications as for 4a.
- 4g. Deputy Departmental Engineer having charge of power contracts, \$3,000. Same qualifications as for 4a.
- 5a. Assistant Departmental Engineer having charge of design of hydraulic structures and records, \$3,600. Should preferably be a graduate from an engineering school recognized by the Institute, with 4 years' experience in his particular work.
- 5b. Assistant Departmental Engineer having charge of power surveys and field engineering on construction, \$3,000. Same qualifications as for 5a.
- 5c. Assistant Departmental Engineer having charge of hydrometric investigation and records, \$2,400. Same qualifications as for 5a.
- 5d. Assistant Departmental Engineer having charge of specifications for and design of electrical work, \$3,600. Same qualifications as for 5a.
- 5e. Assistant Departmental Engineer having charge of specifications for and design of buildings, \$3,000. Same qualifications as for 5a.
- 5f. Assistant Departmental Engineer having charge of field engineering on construction, \$2,400. Same qualifications as for 5a.
- 5g. Assistant Departmental Engineer having charge of design of high tension lines, \$3,000. Same qualifications as for 5a.
- 5h. Assistant Departmental Engineer having charge of design of low tension lines, \$2,700. Same qualifications as for 5a.
- 5i. Assistant Departmental Engineer having charge of surveys for and field engineering on transmission lines, \$2,400. Same qualifications as for 5a.
- 5j. Assistant Departmental Engineer having charge of construction of hydraulic structures, \$3,000. Same qualifications as for 5a.
- 5k. Assistant Departmental Engineer having charge of construction of electrical work, \$3,000. Same qualifications as for 5a.
- 5l. Assistant Departmental Engineer having charge of construction of building, \$2,400. Should be a high school graduate with 5 years' experience in building trades.
- 5m. Assistant Departmental Engineer having charge of electrical testing, \$2,400. Same qualifications as for 5a.
- 5n. Assistant Departmental Engineer having charge of structural testing, \$2,400. Same qualifications as for 5a.
- 5o. Assistant Departmental Engineer having charge of chemical testing, \$2,400. Same qualifications as for 5a.
- 5p. Assistant Departmental Engineer having charge of field and shop inspection, \$2,400. Same qualifications as for 5a.
- 5q. Assistant Departmental Engineer having charge of operations of district or system, \$3,000. Same qualifications as for 5a.
- 5r. Assistant Departmental Engineer having charge of power contracts of district or system, \$2,400. Same qualifications as for 5a.
- 5s. Assistant Departmental Engineer having charge of right-of-way surveys, \$2,700. Same qualifications as for 5a, and should hold his provincial land surveyor's certificate.
- 5t. Assistant Departmental Engineer having charge of cost estimates and power estimates, \$2,400. Same qualifications as for 5a.
6. Designer or layout man, \$2,400. Should preferably be a graduate from an engineering school recognized by the Institute with 2 years' experience.
7. Draughtsman, Instrument Man and Inspector, \$1,800. Should preferably be a technical graduate, or 3 years' experience.
8. Tracer and Chainer, \$1,200. No previous experience required.

## Public Works Schedule

- Chief Engineer, \$12,000. Graduation in engineering from a school of applied science of recognized standing; at least 12 years of experience in engineering survey, design, estimate and construction work, 7 years of which shall have been in responsible charge of such work; thorough knowledge of Canadian engineering problems; the highest degree of administrative ability.
- Assistant Chief Engineer, \$8,000. Graduation in engineering from a school of applied science of recognized standing; at least 10 years of experience in engineering design, estimate, construction and maintenance work, 5 years of which shall have been in responsible charge of such work; thorough knowledge of dredging work and the general engineering problems of Canada; ability to organize, supervise, and manage large engineering works.
- Supervising District Engineer, \$6,000. Education equivalent to graduation in engineering from a school of applied science of recognized standing; at least 7 years of experience in engineering survey, design, estimate, construction and maintenance work, 4 years of which shall have been in responsible charge of such work; considerable knowledge of marine engineering work; ability to make constructive criticisms and reports on proposed works and supervise the construction of large works.