

Summary of Duties: Plans and directs or assists in the direction of all engineering work in the Department of Airports; develops overall engineering plans; assists management in developing general plans and policies for the Department of Airports; and does related work.

Distinguishing Features: The Chief Airports Engineer is responsible for the planning, design, construction and major repair of the facilities of the Department of Airports, and is required to exercise considerable independent judgment. Work assignments are received in terms of program objectives, and work is reviewed for conformance to department policy. An employee of this class is responsible for insuring that construction is done in accordance with the regulations of federal agencies concerned with air transportation.

A Chief Airports Engineer is responsible for the supervision of the Department's engineering staff and for the review of the engineering details of plans submitted by outside engineering firms. In this capacity this person must maintain continuous liaison with contract architects and engineers during design development. This work involves difficult engineering problems, and it may include mechanical and electrical engineering, as well as civil engineering.

Examples of Duties: Plans and directs all engineering work relating to the maintenance and construction of facilities of the Airports Department; directs the preparation of designs, plans, cost estimates, specifications, analysis of contract bids, and coordination between construction contractors, contract architects and engineers, and the Department's engineering staff relating to the construction of runways, taxiways, sewers, storm drains, buildings, bridges, water and gas distribution lines, runway and taxiway lighting systems, control towers, aircraft parking aprons, streets, and vehicle parking areas; reviews plans and specifications prepared by Department and contract engineers and architects for conformance to basic policies, long-range plans, and sound engineering principles; negotiates with construction contractors in estimating the cost of extra work;

Assists management in developing overall plans for the Airports; attends meetings of the Board of Airport Commissioners to provide technical information regarding engineering plans, policies, and decisions; serves as technical adviser to management in the formulation of policies, plans, and procedures; and represents the Department in negotiations and conferences with officials of governmental agencies, contractors, and airport tenants relating to engineering matters.

Prepares reports and recommendations on technical matters of an engineering nature for presentation to the Board of Airport Commissioners; attends meetings and represents the City in a technical capacity;

Negotiates contracts with private firms for architectural and

engineering work and coordinates, reviews, and approves such work; confers with contractors, tenants, and federal, State, County, and City officials relative to current and proposed construction activities; coordinates plans and construction work with the Federal Aviation Administration and other agencies concerned; writes letters of approval of plans and specifications submitted by tenants for projects to be constructed on leased property; reviews and approves payment requests and change orders; and may occasionally be assigned to other duties for training purposes or to meet technological changes or emergencies.

Qualifications: A good knowledge of the design, terminology, requirements, methods, and materials used in the construction and maintenance of airport runways, buildings, hangars, landing aids, drainage, sewage, and lighting systems, water, and electrical distribution systems, and other airport facilities, structures, and equipment; a good knowledge of airport facility and equipment requirements as established by the Federal Aviation Administration; a good knowledge of airport planning and design; a good knowledge of sources of engineering information; a good knowledge of the laws and regulations related to equal employment opportunity and affirmative action; a working knowledge of airport management and operational cost factors; a general knowledge of memoranda of understanding as they apply to subordinate personnel; a general knowledge of City personnel rules, policies, and procedures; a general knowledge of safety principles and practices; and the ability to represent the Department before other engineering and architectural groups, governmental agencies, and the public.

Four years of professional engineering experience at the level of Civil Engineer in the design of airports rated as medium or large hub airports, or 2 years of professional engineering experience at the level of Senior Civil Engineer is required.

Registration: Registration as a Civil Engineer with the California State Board of Registration for Civil and Professional Engineers is required.

License: A valid California driver's license is required.

Appointment to this class is subject to a one-year probationary period as provided by Section 109 of the Los Angeles City Charter.

Physical Requirements: Strength to perform average lifting up to 5 pounds and occasionally over 15 pounds; good speaking and hearing ability; and sufficient eyesight to permit the reading of engineering plans and designs.

Persons with physical handicaps may be capable of performing the duties of this class. Such determination must be made by the medical examiner on an individual basis.

As provided in Civil Service Commission Rule 2.5

and Section 4.55 of the Administrative Code, this specification is descriptive, explanatory and not restrictive. It is not intended to declare what the duties of any position shall be.