

Job Description: Architectural Designer II: Complex Hybrid Facilities

Location: New York, New York

Primary Responsibilities:

- Plan complex hybrid facilities of mass rapid transit systems, airport terminals, public infrastructure, retail, office and hospitality programs within a single mixed-use building/masterplan.
- Make design recommendations based on functionality, physical requirements, regulatory codes, environmental rules and regulations, safety issues, infrastructure and other design and construction related factors.
- Strategize overall project vision, project goals, and delivery method at various stages of the project.
- Apply theoretical as well as practical architecture skills to win visionary large scale competitions as well as execute them to physical completion.
- Develop and lead sustainable green building strategies for LEED certification using qualification as LEED accredited professional in building design and construction (LEED AP BD+C).
- Develop architectural façade systems for hybrid facilities involving curtain wall systems, window wall systems, exposed structural systems and structural skins for mixed-use master plans.
- Prepare tender issuance drawing sets and facade VMU (visual mock up) drawing sets for above-mentioned buildings. Collaborate and manage coordination with consultants from ancillary design disciplines of landscape design, lighting design and interior design in order to hand over a comprehensive building to the client.
- Liaise with the client on all design and construction related issues, assess their needs, develop strategies to satisfy their objectives, communicate the direction with the project team and aid their marketing strategy.
- Use Rhino to perform 3D modeling of complex geometries during the design process to resolve complex conditions occurring in hybrid buildings.
- Apply advanced knowledge of 3ds Max and V-Ray rendering techniques to articulate experiential design ideas and demonstrate spatial quality for client's understanding.
- Implement Revit building information modeling techniques and CAD drafting knowledge to generate complete complex construction drawing sets, regulatory agency drawing sets, tender issue drawing sets, consultant coordination drawings and presentation drawings. Use Adobe Photoshop, Illustrator and InDesign software in production of presentations for client meetings, discussion and competition work.

Qualifications:

- Bachelor's degree, or foreign equivalent, in Architecture, Architectural Design, or a closely related field
- Five years of experience as an Architect, Architectural Designer or closely related occupation
- Experience must include at least 5 years with the following: planning complex hybrid facilities of mass rapid transit systems, airport terminals, public infrastructure, retail, office and hospitality programs within a single mixed-use building/masterplan;

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- Developing and leading sustainable green building strategies for LEED certification using qualification as LEED accredited professional in building design and construction (LEED APBD+C);
- Rhino 3D software to perform 3D modeling; architectural design software including CAD, Adobe Photoshop, Illustrator, InDesign, 3ds Max, and V-Ray;
- Implementing and utilizing Revit building information modeling techniques; and
- Enscape.
- Multiple positions available.

To apply, please send resume to Kohn Pedersen Fox Associates PC, ATTN: Keiry Sanchez, ksanchez@kpf.com.

Must reference 10442. Kohn Pedersen Fox Associates PC is an EEO/AA employer. No calls.

Pay Range:
\$103,086/year annually

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