

Job Title: Architectural Designer II Complex Master Planning / Hybrid Facilities in New York, NY.

Position Summary:

1. Perform as architectural designer on several major Complex Master Planning and Infrastructure Technical Design, including international airport, office, hotel, retail, transport & infrastructure, convention & entertainment, culture, and observation facilities, to produce design studies and high-quality presentation materials for client and government approvals;
2. Develop, along with the design principal, the design concept, site planning, exterior façade, interior design, material selection, landscape, and lighting concepts for several high-end, complex hybrid facilities projects;
3. Coordinate complex hybrid facilities Architectural project development during design and technical process towards project delivery;
4. Plan complex hybrid facilities of public infrastructure, airport, retail, office and hospitality programs within a single complex hybrid facilities building/masterplan;
5. Develop planning layout and vertical transportation strategies for complex hybrid facilities projects mainly infrastructure, complex hybrid facilities office building and commercial podium;
6. Make design recommendations based on functionality, physical requirements, regulatory codes, environmental rules and regulations, safety issues, infrastructure and other design and construction related factors;
7. Strategize overall project vision, project goals, and delivery method at various stages of the project;
8. Apply theoretical as well as practical architecture skills to win visionary large-scale competitions as well as execute them to physical completion;
9. 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;
10. 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;
11. Collaborate and coordinate architectural design with consultant teams on structure, MEP systems, structural systems, green building strategy, landscape, Lighting and vertical transportation;
12. Liaise with the client on all design and technical related issues, assess their needs, develop strategies to satisfy their objectives, communicate the direction with the project team and aid their marketing strategy;
13. Use Rhino, Grasshopper, and/or revit to perform 3D modeling of complex geometries during the design process to resolve complex conditions occurring in hybrid buildings;

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14. Apply advanced knowledge of Enscape rendering techniques to articulate experiential design ideas and demonstrate spatial quality for client's understanding;
15. Generate complete complex construction drawing sets, regulatory agency drawing sets, consultant coordination drawings and presentation drawings;
16. Use Adobe Photoshop, Illustrator and InDesign software in production of presentations for client meetings, discussion and competition work;
17. Work with material supplier/vendors to ensure technical and design performance.

Minimum Requirements:

Requires Bachelor's degree, or foreign equivalent, in Architecture, Architectural Design or a closely related field, plus 5 years of post-baccalaureate progressive experience as an Architect, Architectural Designer, or related occupation and 5 years of experience with:

Conceptualizing, creating, designing, planning and developing new construction projects for complex master planning and hybrid facilities through all phases, including concept design, schematic design, design development, construction documentation and construction administration. Hybrid facilities must include mass rapid transit systems, international airport terminals, public infrastructure, and retail. Office and hospitality programs must be within a single mixed-use building/masterplan. Utilizing architectural design, including MEP systems, structural systems, vertical transportation systems, façade and curtain wall design technical details, taking into account code and zoning requirements, environmental regulations, urban constraints and cities' requirements for complex master planning and hybrid facilities. Preparing presentation through all phases using Adobe Creative Suite, including Photoshop, Illustrator and InDesign. Using Enscape for rendering techniques to articulate experiential design ideas and demonstrate spatial quality for client's understanding. Using Rhino, Enscape, and Photoshop to perform complex 3D modeling, designing, rendering, and visualization. Drafting technical drawing sets and other architectural documents through all phases using AutoCAD and Revit software. Performing 3D modeling using Rhino 3D software.

Salary: \$88,000.00/year. Please send resume to careers-ny@kpf.com. Must reference 644827. Kohn Pedersen Fox Associates PC is an EEO/AA employer.