Syed Ziauddin

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**SENIOR PROJECT CONTROL ENGINEER**

**Professional Summary**: Accomplished, strategic, meticulous, and ASCE registered engineering professional with extensive experience in the fields of civil engineering (construction management, environmental, geotechnical, structural, transportation, water resources, etc.) and who can analyze and untangle complex issues and make strategic recommendations to all stakeholders. Over 25 years of extensive background handling projects with the state/city governments and private sectors. Logical and poised while operating in high profile and sensitive environments.

**Core Skill Sets**

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| --- | --- | --- |
| * **Attention to Detail** * **Process Improvement** * **Presentation Skills** * **Time Management** * **Teamwork/Team Building** * **Planning/Negotiating** * **Strategic & Analytical**   **Thinking** | * **Administrative Expertise** * **Operations Management** * **Project Management** * **Mathematical Skills** * **Monitoring** * **Leadership** * **Consensus Building** * **Technical Training** * **Creativity** | * **Training/Development** * **Structural Analysis** * **Strong Research Skills** * **Problem Solving** * **Pressure management** * **Strong Work Ethics** * **Organization** * **Resolving Conflict** |

**Qualifications Profile**

* Extensive experience in Construction Project Management. This includes planning and execution, transportation of materials, site development based on hydraulic, environmental, structural, and geotechnical engineering,
* Expert in managing the plan-and-design stage of construction projects. This includes evaluating the structural, electrical, and mechanical condition of each project,
* In-depth analysis and review of all drawings and designs before they are implemented,
* Expert in planning and implementing personnel flows. This includes planning and drafting the Statement-of-Work (SOW) for the roles of contractors and subcontractors needed to support ongoing operations. This includes reviewing and evaluating contractor’s proposed progress schedule(s), monitoring contractor’s conformance to the schedule; recommending corrective action(s) and demanding a revised schedule should a deviation occur.
* As and when needed, documented contractor’s non-compliance by field orders and/or letters and follow-up to achieve compliance.
* Subject Matter Expert (SME) on completing routine tests to make sure that all legal requirements are followed.
* Extensive comprehension of all legal obligations and contract terms/clauses (minimizing project delays, supporting all construction workers, and actively drive projects to completion),
* Expert in analyzing a job’s financial projections to ensure they are accurate, practical, and within the budget,
* Expert in cost control, cost accounting, and management of project schedules,
* Experienced in facilitating discussions (if and when needed) and creating amicable solutions between all the stakeholders (i.e., clients, construction contractors, construction managers, and/or construction workers) and therefore eliminating disagreements in the field and misunderstandings about expected work outcomes,

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* Expert Administration Skills. Keeping up-to-date logs, estimates, change orders, vendor forms, and surveys/ad-hoc reports generated from various software to ensure compliance to any legal requirement for a construction project.
* Routine meetings with all the stakeholders involved in the project to provide status updates and/or responding to questions from contractors, clients, and the leadership,
* Trusted for collaborating with other staff on the design, research and development of a construction project. This includes, 1. developing solutions that solve client's problems, 2. Determining whether a design solution is user-friendly, cost-effective and environmentally friendly, 3. Creating multiple iterations of design prototypes using computer-aided design tools, 4. Evaluating design solutions against industry standards and regulations and, 5. Documenting the design process and presenting progress reports to all relevant stakeholders,
* Supervises and/or performs construction inspection operations (including measurements, surveys, photographs and television inspections) to secure compliance with contract requirements. As and when needed, participating in substantial completion and prior inspections, prepares and ensures completion of final punch list and recommending acceptance of the work.
* Unblemished record when it comes to compliance to the site safety protocols. Implementation of safety engineering policies and programs that embrace a range of matters directly or indirectly concerned with the safety and protection of personnel, property, and equipment,
* Extensive knowledge of OSHA, AASHTO, ACI, and Highway Design Standards,
* Strong MS Office Suite and Computer Science skills. Excellent grasp on (civil) engineering-specific software for drafting, designing, and drawing (e.g., PIMS, Primavera P6, MS Project, Autodesk Suite, etc.),

**Transferable Competencies**

* **Collaboration** – With diverse teams in a cross-functional manner to ensure information sharing and resource collaborated,
* **Leadership** – Demonstrate dynamic qualities and strong communication skills in successfully working on planning meetings and delivering comprehensive strategies,
* **Administration** – Experienced in performing the administrative and human resource management functions relative to the staff supervised,
* **Human Capital Development** – Actively involved in improving employee performance, capabilities, and resources,
* **Reporting** – Expert in collecting, compiling, analyzing, and summarizing information and developing reports,
* **Planning** – Develop expert plans of action according to specific needs, both expeditiously and effectively,
* **Compliance** – Ensuring compliance to all legal laws, rules, and regulations,
* **Processes** – Embrace initiatives and lead process integration efforts throughout various divisions/offices.
* **Projects** – Expert in coordinating multiple projects and meet deadlines under pressure. A strong history of completing projects on time and within budget(s)
* **Customer Support** – Excellent customer support in all areas of construction project. Strong interpersonal and communication skills and the ability to work effectively with a wide range of constituencies.

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**Professional Accomplishments**

**Senior Construction Engineer/Office Engineer/Project Engineer**

HDR INC. NY 4/2016 - PRESENT

$15 million NYCDDC – GCJA03-3B Construction of ROW Green Infrastructure in the CSO Tributary Areas, Queens.

The Contract includes construction of over 400 GI assets including ROW Bioswales, Green Strips, Rain Gardens and

Infiltration Basins on various locations in Queens to reduce the storm water into the city’s sewer system and to conserve

the storm water.

$ 16 million NYCDDC – MEDA003 - Replacement and Rehabilitation project of New 20 and 12-inches Watermain in Manhattan.

$15 millionNYCDDC – SEQ200463 - Construction projects for the installation of new storm and sanitary sewers in College Place between 9th Avenue and the US Bulkhead Line in the borough of Queens, A very critical project due to its proximity to the College Point peninsula near a tidal marshland. These improvements will significantly reduce the extensive flooding and ponding in this Queens Community Board #7. Due to extensive due diligence and working with the contractor, saved NY City, more than $1 Million.

Southwest Investment Group LLC, AR 09/2014 -03 2016

**Senior Manager Operations -** Manager Operations on various private Land Development sites in Arkansas, Louisiana and Texas.

**Senior Construction Manager**

Cercontec Engineering, LLC, LA 5/2011 – 8/2014

Oversaw, directed and managed the construction of a **$76 million** contract with the Benteler Group - Steel Tubes Manufacturing Plant. Some of the essential tasks included setting up foundations, concrete pads, column and beam layouts, the building of manufacturing plants, cooling plants, and administration buildings, construction of internal streets, overpasses, and channel ways.

**Senior Manager Operations**

Southwest Investment Group LLC, A 12/2008 -3/2011

Manager Operations on various private Land Development sites in Arkansas, Louisiana and Texas.

**Senior Construction Manager**

ISE, PC., New York, NY 5/2006 – 11/2008

Supervised and managed **$70 million** projects in Long Island & New York Area (East Hampton Town Hall, Montauk UFSD School, Amagansett Life Saving Station, Bridge Hampton Library NY). Tasks included providing design reviews, estimating, inspection, QC/QA, Cost control, safety, progress evaluation, payroll, policy development, regulatory compliance, and correctness of documents, estimated time and material cost, weekly safety, and monthly progress meeting.

**Field Superintendent**

New City Construction Corp. New York, NY 03/2002 -03/2006

Managed **$158 million** rehabilitation and new construction projects for various New York City (NYC) agencies including NYC School Construction Authority (NYCSCA) and Port Authority of NY & NJ (PANYNJ) for various trades.

**Senior Construction Manager**

Infratech Associates, New York, NY 05/1992 – 01/2002

Supervised a **$320 million** Contract by the NYC Department of Transportation (NYCDOT) Bureau of Bridges for the Rehabilitation and Reconstruction of Queensboro Bridge, replacing the approaches associated with placement of micro silica on upper and lower roadways. Duties covered designing, planning, monitoring, or inspecting and construction crew for removal and repairs of existing structural steel and concrete, installation of new structural steel members, installation of new bridge grid deck and scuppers, implementation of traffic controls and roadways maintenance program, bridge lighting system, bridge painting, and pavement resurfacing.

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Supervised and oversaw a **$186 million** contract by the NYCDOT for the reconstruction of Pulaski Bridge over Newtown Creek - reconstruction of 4 Leaf Bascule Bridge. The contract involved the removal and reconstruction / reinstallation of the movable bridge except the bascule in nine stages. The project used contra-flow lanes to temporarily redirect traffic across the median to the opposing roadway while protecting and diverting traffic using movable barriers. The use of 100,000 tons of Superpave Mix increased the life of the Pulaski Bridge by 12-15 years.

**Assistant Resident/Office Engineer**

Massand Engineering, NY 9/1989 – 3/1992

**$18 million** NYCDOT Contract for the Reconstruction of Francis Lewis Boulevard. The contract included replacement of 12” WM thru main Francis Lewis Blvd till 176 Street thru 202 Street. MTA Rehabilitation of on Queens Midtown Tunnel – The contract involved replacing road walls and ceiling tiles, maintenance, and cleaning of tunnel tiles, fire standpipes, grout injection of cracks, electrical maintenance, communication control systems, repair of steel faced curbs/ gutters, modified and reinstalled railings.

Also, worked as an assistant team leader for biennial inspection and prepared a preliminary design for arterial bridges for NYSDOT and NYCDOT, Verrazano- Narrows Bridge, and various TBTA bridges. Work included steel and concrete structures inspection, hollow concrete removal observation, and preparation of field documents and final reports. Also performed traffic analysis, surveys, and mitigation of the results on Route 9A working with different computer and analytical data.

**Senior Field Inspector**

Field Associates, PC. New York 4/1987 – 8/1989

An **$11 million** contract by the NYSDOT for the Meadow Brook State Highway Safety Improvements. Responsible for review of shop drawings, for conformance with the contract plan and NYSDOT specification, concrete and asphalt mix design, investigating and recalculating inverts, monitoring quality control, field testing of concrete, MPT, and review of contractor’s job schedule.

Other assignments – NYSDOT Contract for installation of IMIS (**$20.5 million**), PANJNJ – Rehabilitation of Port Elizabeth Terminal (**$35 million**).

***Primary Job Functions:*** Over 25 years of Qualified Specialized Experience that includes (but not limited to) design reviews, review of proposed project schedules, planning, inspections, soil testing, data entries into various database programs (e.g., PIMS, DDC, etc.), status of submittals & change orders, managing day-to-day activities of inspectors, general contractors, Community Liaison, routine project progress meetings, performed Planning management including time management, Cost Management, Quality and Safety Management, contract compliance reviews, review of compliance to the building codes, reviewing/updating cost estimates, final close-out of project, etc. On the administrative side, tasks included work assignments, financial projections, cost accounting, cost control, reviewing statement of work (SOW) of contractors, sub-contractors, maintaining files and logs, and periodic payment schedules of contractors. In the supervisory roles additional tasks assigned such as hiring qualified staff, counselling staff on below par performance, creating training opportunities for the workers and/or contractors, participating in the bidding and negotiation process of contractor selection, mentoring and On Job Training.

**Education**

**Degree:** 1986 - Bachelor of Engineering (B.E.)

NED University of Engineering & Tech. Karachi,

**Certificate:** NYCDDC Watermain Main Course, Site Safety Manager, Certified for Fire Site Safety Manager,

Steel Structures Painting Council, Professional and Experienced Manager, American Concrete Institute, NYCDOB Scaffold Safety Manager, Member (CMAA and PMI), OSHA 30- Twice, OSHA 10

**Trainings:** Numerous in-class, on-the-job (OJT), and online courses

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