

## MOHAMMAD I CHAUDHRY, P.E.

### A CONSTRUCTION PROJECT MANAGER

Specialized in Highways, Bridges and Infrastructures construction & Maintenance

**SUMMARY:** Mr. Chaudhry, a decisive, innovative leader with a demonstrated ability to develop strategic plans, has extensive experience in providing Construction Engineering and Inspection (CEI) and program management services on highway, bridge and infrastructures / marine construction and rehabilitation projects in Florida and abroad. His skills in construction contract management provided technical excellence for a broad range of transportation projects.

#### MANAGEMENT SKILLS:

1. An entrepreneurial, opportunistic and skilled at marshalling resources to staff projects,
2. Key player of a dynamic, multi-disciplinary infrastructure team,
3. Good communicator with exceptional interpersonal skills,
4. Expert in planning, organizing and managing projects to achieve successful performance consistent with agreements,
5. Expert in maintaining safety, quality, budget, schedule and client satisfaction,
6. Highly skilled in documenting project progress through quality control inspections, field logs, photographs, records, communication, meeting minutes, etc.
7. Knows how to aggressively pursue project completion milestones and cost control and ensure project reports meet client and company standards for quality and have full knowledge of Federal Project Development Process
8. A team builder who can motivate and create ownership concept among his team members with transparent Supervision techniques,
9. An expert who can run numerous roadway offices and projects concurrently.

#### WORK HISTORY:

1. **HNTB Corporation – As Senior Lead Resident Engineer** - Mr. Chaudhry is responsible for multi- task administration (Preconstruction, construction and post construction) and supervision of construction and rehabilitation of New Orleans submerged road program comprising fifty six (56) projects. Presently thirty five projects are running concurrently and he is managing these projects through one assistant resident engineer and thirty two (32) office / site personnel. These projects are very time sensitive and involve City, State DOT and FHWA. It needs very close coordination with all stake holders and downtown business community. This more than one hundred seventy millions dollar program will be completed by November 2011. *Phase B may include twenty more projects that will need his supervision of Design, preconstruction, construction and post construction phases. Being a multi –task professional, he has saved more than five million dollars through*

*innovative techniques and strict control on change orders in first year.*

**Duties include:**

- a. Responsible for overall field contract management, administration and coordination on highway and roadway infrastructures, Engineering and Inspection projects of a diverse and complex nature.
  - b. Interpreting, organizing, executing and coordinating construction engineering assignments involving unique or controversial problems which significantly affect major corporate programs.
  - c. Responsible for monitoring assigned staff to determine that the contractor's activities are monitored and controlled in accordance with design specifications and contractual requirements.
  - d. On-site liaison between Client, Company Personnel and Contractor in resolution of project issues.
  - e. Act as a specialist in the application of advanced concepts, principles, techniques and procedures for an assigned area of responsibility.
  - f. Analyze complex construction/design problems requiring the development of new or improved techniques or procedures and consults with design engineering personnel.
  - g. Represent projects at meetings and conferences.
  - h. Review and draft responses to Contractor's correspondence as required.
  - i. Implement on site procedures to assist staff in performing their work
  - j. Collect data to brief Client on project issues and provide possible resolutions.
  - k. Read and Interpret plans, monitor Contractor progress and compare with reviewed Progress Schedule
  - l. Mentor and train staff and Administer JPI's and Budget
  - m. Working very closely with elected & selected Cities and Counties representatives
2. **Volkert & Associates Inc. (3/2000 to 7/2008)** – Duties involved as a senior resident engineer, projects coordinator, program manager and CEI manager. The projects involved CEI inspections of Crosstown Expressway widening & construction of administrative blocks, numerous FDOT roads and bridge projects in district seven, five and one (SR27, SR544, 540, I-75, US-17-92, SR26, SR534, SR60). Contact James Jacobson, PE, PM (FDOT) at 813 -289-5300. On I-75 Asset management project, he was supervising three contract managers for to up keep MRP of 243 miles of roads. He also conducted constructability / biddability reviews as a technical expert to district seven. As a program manager / CEI manager presented numerous oral presentations in district one, five, six, seven and turnpike.

Being be a multi – task professional, he planned, organized and managed simultaneous work assignments of numerous projects; identify the needs of the organization and individual associates and their performance evaluation criteria, coordinates, supervises and administers activities associated with the various projects that are the responsibility of the department such as design and contract review, feasibility studies, site plan review, water projects, status updates, activity scheduling, training and developing consensus between management and the implementation team on project related requirements, coordinates preparation of and assists in administration of budget for operating division; forecasts short and long term needs to ensure efficient and effective operations, reviews agreement terms, scope and deliverables, ensuring the county and consultants meet contractual obligations, reporting any associated issues to management for review and secures direction for further action., reviews and prepares work procedures, work schedules, monitors and promotes positive workflow; coordinates preparation of and assists in administration of budget for operating division; and forecasts short and long term needs to ensure efficient and effective operations.

3. **Frederick R Harris (6/1996 to 2/2000)** – Duties involved as an office engineer and Sr. engineer to supervise Polk County Parkway Section 4A&4B. The project cost was over fifty six million dollars and was completed in four years. This JPA contract included high rise embankment, four lane two expressway, four bridges and lot of utility conflicts, contamination issues etc. Mr. Chaudhry being a Superpave expert trained CEI /FDOT personnel on Superpave construction and documentation control. Official duties also included:
  - a. Contract administration
  - b. Worked as Office Engineer for six years and prepared lot of SAs, WOs,
  - c. Claim settlement negotiations, as built plans preparation
  - d. Progress schedules and delay claims analysis
  - e. Progress reports, and other contract documents in addition to EEO, DRB,
  - f. Monitoring of projects documents
  - g. Verify the accuracy of the description of the outsourcing relationship in the contract
  - h. Ensure the contract is clearly written and contains sufficient detail to define the rights and responsibilities of each party comprehensively; and
  - i. Record maintenance and Projects close –outs and final payments.

4. **CARR Smith and Associates (3/1995 to 6/1996)** – Being a multi-task professional, duties included both of an office engineer and a senior inspector on turnpike widening and improvement projects in Kissimmee Florida. The contract cost was over ten million dollars. These projects included complex MOT phasing, bridges widening and improvement, road widening and landscape. Office Engineer duties were the same as explained above.
5. **GreenHorn O'Mara (3/1992 to 3/1995)** – Duties included as a senior inspector on Thomasville Flyover bridge project in Tallahassee. This project included pre-stressed bridges, retaining walls, high rise embankments, traffic calming and several interlink roads along with very complex MOT phasing. Also completed two projects of widening and improvement of I-10. The projects cost was over twenty five million dollars.
6. **Orlando College (January 1991 -3/1992)** – From January 1991 to March 1993)- Graduated AutoCAD and MBA honors degree. Completed numerous self study courses from FDOT district five.
7. **Interhom Ltd, Pakistan ( 4/1989 to 12/1990)** - Mr. Chaudhry was fully responsible for project execution of 25 mile long project with six lanes, lot of flyovers, sheet piling, retaining walls, service roads, drainage structures and traffic calming. This project included ten prestressed bridges, numerous concrete / steel girder bridges, drainage structures, utilities, signalization and access roads. This project included city drainage and utility and complex traffic issues. He was also responsible for two four storey shopping plazas using segmental units and precast panels. He effectively interfaced with engineers and management staff to complete these projects. Mr. Chaudhry supervised a professional staff of 100 people including three project engineers, estimators, auditors, civil / material engineers, superintendents, supervisors and surveyors. (Contracts about 80 Millions Dollars).
8. **BMMK/ OVERUP KSA 4/1979 to 4/1989** – worked as a Resident Engineer / Bridges Engineer / Civil Engineer on multi phases of construction, engineering and contract administration. He was also responsible for site executions of projects included contracts: six lanes Hail Ulla Road – 150 miles, Hail Alla Road section II – 145 Miles – Six lanes Riyadh Makka Road Sections I, II, III (300 Miles) –these contracts included: Limited Access roads, 6 segmental bridges, 40 Post-tensioned continuous bridges, 500 concrete bridges, 250 Steel Bridges, 170 Segmental Underpasses, 1500 drainage multi-span box culverts, and three tunnels. Also completed a very high profile city road and underpass project in front

of King Palace in Riyadh well ahead of time. Was also responsible to initiate mix designs for asphalt and concrete. (Contracts 600 M dollars). Managed from 50 to 100 CEI staff.

9. **Dept. Of Transportation (3/1972 to 4/1979)** - Being a multi –task professional, completed many prestigious projects included original construction, renovation, rehabilitation, retrofit, maintenance, conversion and upgrading totaling more than 1,200 miles of roads, number of bridges/ fly-over interchanges, hundreds miles of storm water construction, pile construction, segmental construction, flood dams (design and construction), two hundred miles of rail roads, tunnels and miscellaneous civil construction. Reviewed construction plans and analysis of projects, geotechnical reports, negotiation of bids and selected subcontractors He was also responsible for geometric and structural design of roads/bridges and mix designs in addition to direct supervision of construction sites and staffing management and enrichment. Being a multi task professional, he served as the on-site liaison between Client, company personnel and contractor in resolution of project issues. His other responsibilities included: Construction and Contract Management responsibilities, Materials Engineer & Highways Design engineer, MOT and Traffic engineer, Asset management / Highway Maintenance, Government nominee engineer deputed to mark divide line between Pakistan and India and construct boundary (border) line. Completed analysis of the technical and execution sections of contractors' proposals and conducted constructability reviews of major construction activities. (Contracts about 80 Millions dollars).
  
10. **Doxiadis Associates, Greece (5/1970 to 3/1972)** – Being a multi –task professional, completed construction of many academic building structures, storm water, hostels, roads, parking plazas & auditoriums. Compiled tender-documents, wrote specifications, designed / constructed RCC framed structures, shopping plazas, parking plazas, and commercial projects. He worked as a surveyor to demarcate underground utilities and university complex. Other responsibilities included Design of University Plazas, hostels, roads and infrastructures, Compilation of tender documents, quantities estimation and bidding analysis, Site supervision of buildings, utility lines, underpasses, drainage structures and roads / culverts. In addition to construction supervision, he also took the tasks of monitoring material requests, equipments requests needed and raising it to the management at appropriate times. Apart from this he also managed a team of sub contractors and contractors under him and ensured that all activities are carried out as per design and contract. (50 Millions dollars contracts)

## **11. EDUCATION:**

MBA, Orlando Everest University (Orlando College), Summa Cum Laude, 1993

Advanced Management Studies, Everest University Orlando, 1992

BSCE, University of Engineering & Technology, Lahore, Pakistan, 1970

**ACHIEVEMENTS:**

Presentation of Four construction research papers at ASCE conferences (USA) and made research on Construction of Flexible roads & failures:

- Superpave Construction,
- High Performance Concrete Construction,
- Mass Concrete Construction and
- High Embankment Construction