

Wasim S. Bhatti, M.Eng, PMP, PENG

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EDUCATION

- Master of Engineering in construction management from Concordia University Montreal, Canada (2004-2006), with advanced knowledge of Infrastructure & Project Management
- Bachelor of Civil Engineering, 1991 Pakistan
- Expert in Primavera P6, MS Office, MS Project, Primavera Monte Carlo Risk Analysis

PROFESSIONAL EXPERIENCE

Black& McDonald Calgary Canada

December 2023 - August 2024

Project Controls, Shut down Project CNRL Horizon Fort MacMurray Alberta

- Worked in 10/4 Fly in/Fly out camp rotation in Fort McMurray Alberta
- Working on shut down in Oil Industry
- Worked on Power BI and DSI for LEMs and CDR (Cost Daily reports)
- Created and Updated Primavera Schedule
- Performed risk analysis of project Schedule, using Primavera Monte Carlo Risk Analysis

Imperial Oil Kearl Lake Project Fort MacMurray Alberta Canada

June 2023 - November 2023

Project Controls Engineer Extraction& Tailing Areas

- Successfully completed 64 Km pipeline system in Tailing area including 2 No's FTS (Fluid transfer system 36 in dia) from Dredges to West Tailing Ponds, 2 No's 30 in dia TSRU pipeline (Tailing solvent recovery units) and 4 No's 28 in dia CST pipeline (coarse sand tailing) from Plant to ITA1 (In pit Tailing area 1) Pond. System also included construction of 12 in dia cold water pipelines, 11 No's 4500 HP pumping stations, 11 Electric houses, 4 Substations, 3 Dredges with associated marine structure, 40 road crossings, Culverts, MSE (mechanically stabilised earthwork) and Slurry Walls 1m wide, 10m deep, 4km long). Prepared progress reports for construction of Tailing area CST, TSRU, FTS pipelines and Pumping stations, Dredges, Pumping Stations, Subs stations, E-Houses, Slurry Walls
- Verified LEMs, worked in 21/21 Fly in/Fly out camp rotation
- Prepared daily, weekly and monthly reports
- Updated Primavera P6 Schedule on weekly basis
- Prepared 3, 6 Weeks Look ahead
- Prepared weekly presentation for progress presentations
- Performed risk analysis of project Schedule, using Primavera Monte Carlo Risk Analysis

Clearbakk Water solutions Calgary

September 2021 - May 2023

Project Controls Engineer

Worked on 2 Units of \$34 M, EPC Polymer Hydration Plant Project in Oil Industry Fort MacMurray Alberta

- Developed schedule in P6, based on the budgeted hours and project scope of work
- Prepared & issued 2 & 4 Weeks look Ahead to team for progress feedback, gave activity codes for filtration as per Responsible Engineers, Buildings & Disciplines for updating weekly progress feedback

- Updated Schedule on Biweekly basis for client and weekly basis for internal review, Kept track of the budget man-hours & budget material quantities for comparison at different project stages
- Developed and updated Progress report, Purchase orders status, RTS dates of equipment's, Actual and planned & Forecast progress on weekly basis
- Attended Weekly meetings with Engineers, clients, and vendors for getting and updating progress
- Coordinated with Engineering, Procurement, and construction teams daily to update daily information
- Checked procurement log daily for information on issue of Purchase requisitions and PO's and updated their status in Primavera schedule
- Performed risk analysis of project Schedule, using Primavera Monte Carlo Risk Analysis

James & Associates Calgary Canada

May 2020 - August 2021

Claims & Forensic Planning Engineer

Infrastructure EPC master schedules, Forensic Analysis, Claims and Project Controls Coordination

- Performed Risk analysis of Project Schedules using Primavera Pert master Risk Analysis Software, Resource levelling to avoid any unexpected spike over the project life cycle.

Group PMX New York USA

December 2020 - April 2020

Planning Engineer

Infrastructure EPC master schedules, Project Controls Coordination

- Prepared and implemented Project Controls Procedure, Prepared RFP Bid Schedules for Buildings, Bridges
- Provided scheduling advisory services within the infrastructure, practice focused on project controls, project performance, commercial management
- NYC Department of Design and Construction Awards Program
- Management Contract for Borough-Based Jails
- Performed risk analysis of project Schedule, using Primavera Monte Carlo Risk Analysis

James & Associates Calgary Canada

January 2017 - November 2019

Claims & Forensic Planning Engineer

Infrastructure EPC master schedules, Forensic Analysis, Claims and Project Controls Coordination

- Performed Risk analysis of Project Schedules using Primavera Pert master Risk Analysis Software, Resource levelling to avoid any unexpected spike over the project life cycle
- Performed construction scheduling and schedule analysis; EOT Extensions of time claims, project controls; earned-value management, project audits, reviews, construction claims, productivity loss
- Performed Forensic analysis for Contractor's Claims, Oil Industry Est cost \$500 million projects claims, Est Cost Projects, \$220 M, 150 Km Gas pipeline project BC(Settled \$55M in favour of client Michel, Water Supply Pipeline ,50 cm dia 32 Km Raw Water pipeline project, Slave Lake City (Settled in favour of Client Weaver, \$20 M) , Cochrane Bridge H22&16 Interchange Improvements, AB (Settled in favour of Client extension of time 6 Months), Water & Sewerage system Saprae Creek Fort Mc AB, Canada (Settle in favour of Client Wilson \$40 M)

- Prepared and implemented Project Controls Procedure, Prepared RFP Bid Schedules for Roads, Bridges
- Provided scheduling advisory services within the infrastructure, practice focused on project controls, project performance, commercial management construction claims and disputes
- Analyzed, Audited and prepared construction schedules, EOT and perform forensic & delay analysis
- Performed risk analysis of project Schedule, using Primavera Monte Carlo Risk Analysis

SAIPEM CANADA FORT MCMURRAY AB

January 2010 - December 2016

Planner -Central Processing Facilities & Hydrotreater

EPC Planning and Project Controls Engineer

1. EPC Project, Two Central Processing Facilities (est. cost \$2.6 Billion) Husky Sunrise SAGD, Fort McMurray Alberta, Canada, 2. EPC Hydro-Treaters (est. cost. \$480M), CNRL Plant in Fort McMurray, AB Canada, 3. Piling, Water disposal and Firewater system in Vacuum Distillation & Distillation Recovery Units, Tailing Pipeline, Industrial sewage system, Temporary Facilities. Installation of Diesel Turbines and 200 Mega Watt 4 Generators of Power Plant at Husky Plant

- Developed schedule in P6, based on the budgeted hours and project scope of work
- Updated Schedule on monthly basis, Kept track of the budget man-hours & budget material quantities for comparison at different project stages. Performed Risk analysis of Project Schedules using Primavera Risk Analysis Software
- Worked in 14/7 Fly in/Fly out camp rotation in Fort McMurray Alberta
- Resource levelled to avoid any unexpected spike over the project life cycle
- Resource loaded with labor resources - per trade/ material resources/loaded with equipment resources and attach to the proper Calendar
- Reviewed Critical path on weekly basis and compared critical activities to the Project base line
- Prepared and implemented Project Controls Procedure
- Performed risk analysis of project Schedule, using Primavera Monte Carlo Risk Analysis

WILLBROS CANADA

August 2008 - December 2009)

Sr. Project Controls Engineer, Pipeline construction

Master Schedule planning and Cost Control

- Construction of Canadian Mainline project (est. Cost \$500 Million) 30" pipeline 150Km & Facilities, Booster Pumps Stations Utilities, Acheson to Saskatchewan Border, Alberta, Canada)
- Performed project planning and development of multi-level, resource loaded schedule
- Maintained cost budgets and cost forecasts utilizing a change management system
- Reviewed the completed schedule and got approved by project team and the client, assigned baseline of the project. Reviewed Critical path on weekly basis
- Compare critical activities to the Project base line to be sure that the required correction action is been taken to bring the schedule back on schedule or to deal with any delay in completion
- Updated project schedule with actual man-hours used. Performed Risk analysis of Project Schedules u
- Forecasted ETC man-hours, labor, and non-labor resource loading
- Worked in 14/7 Fly in/Fly out camp rotation in Fort McMurray Alberta
- Performed risk analysis of project Schedule, using Primavera Monte Carlo Risk Analysis

SUNCOR ENERGY CANADA, FORT MCMURRAY AB**January 2007- July 2008)*****Project Controls Engineer- Pipeline Extraction & Tailings Projects (SPD Department)******Program Cost & Schedule Control***

- Was accountable for coordinating effective cost control processes, standards, systems to enable Downstream EPC projects, program, and portfolio management of 27 EPC projects (est. cost \$500Million) in Tailing, Extraction Plant Utilities& Facilities, including a 30" dia,25 KM Tailing Ponds Pipeline Project (est. cost \$200 Million) in Sustainable projects department
- Coordinated the preparation, consolidation, and analysis of project reports
- Worked on Project systems and Plant maintenance module of SAP-R/3
- Compared actual, planned, and forecast hours, costs, and explained variances
- Performed Risk analysis of Project Schedules using Primavera Risk Analysis Software

✓ Master of Engineering (Concordia University Montreal)**2004 - 2006****Project Manager (Civil), BKM Engineering Lahore, Pakistan****2000 – 2004**

Chand Bagh School Project (450 Acre area, estimated cost Rs.210 Million) Project included students' hostels, swimming pool, staff residences, roads, water treatment plant (5000 GP capacity) and waste water treatment plants

Responsibilities:

- Provided support and assistance to ensure the smooth execution of the assigned project
- Documented and information management, record keeping, cost control, coordinating timely delivery of supplies and material, tracking project progress, maintaining project files
- Ensured quality control and safety, trouble shooting and follow up
- Liaised with the Main Office, customer, and other key stakeholders as related to the project. Performs duties related to site administration including management of project related information and documentation, maintenance of project file, review of completed time sheets, processing of invoices and bills of lading, tracking and reporting of production quantities and equipment used
- Ensured finished concrete products meet the quality standards set by the Company
- Monitored the concrete manufacturing process
- Implemented corrective actions, when required, after consultation with the Foreman and QC Engineer
- Communicated effectively with both staff and management

Project Engineer (Civil), SBG Saudi Arabia**1997 - 1999**

1. Eskin Housing Village Riyadh (estimated cost S.R 350 Million)
2. FFH Housing Al Kharaj (estimated cost S.R 1300 Million)
3. Muhammad Bin Fahd Palace (estimated cost S.R 550 Million)
4. Muhammad Bin Abdul Aziz Palace Abhur Jeddah (estimated cost S.R 500 Million)

Responsibilities:

- Attended client meetings from initial conception throughout the entire project
- Attended construction progress meetings to provide updates to the project team
- Did Periodic field review during construction of the structure

- Wrote reports based on observations, assessments, and key findings
- Coordinated and review of submittals and shop drawings during construction phase
- Produced documentation for contract administration such as bid review letters, proposed change notices, change orders, invoices review, coordinate the contract between the Owner and Contractor
- Monitored contractor's work, concrete and compaction testing
- Monitored piling activities and ensuring proper quality, size and spacing, and ensuring piling logs are maintained by the contractor
- Monitored piling activities and ensuring proper quality, size, spacing and embedment, and ensuring piling logs are completed and submitted
- Monitored all concrete pours to ensure anchor bolts, embedment, rebar and forms conform to dimensions and locations
- Monitored a third-party survey contractor to verify data (e.g., volumes, grades and critical anchor bolts)

Project Engineer/Manager (Civil), Premier Consultants Pakistan

1991 – 1996

1. Prilling tower (960 Tons/100m high) ENGRO Petro-Chemicals limited (estimated cost \$ 50 Million)
2. Kot Addu-Rajanpur 240 kV Power Transmission Line (est. cost \$31 M, 250Km, 10 Sub-Stations)
3. Sepcol 115-Megawatt Power Plant, Raiwind, Lahore (estimated cost \$100 Million)
4. Ghazi Barotha Hydel Power Station (\$ 2.1B, 5 Francis Turbines installation (290 MW each)

Responsibilities:

- Supervised technical operations of projects
- Responded to inquiries or requests from subcontractors, management, co-workers, regulatory agencies or owners
- Performed daily quality control, inspecting and testing for concrete operations including rebar, piping and formwork as required by the project
- Performed pre-pour inspections according to the specs and standards
- Performed pre-pour and product acceptance inspections according to specs and standards
- Performed product inspections on all permanent materials arriving on site

TRAINING

- ✓ Bredin Institute Edmonton Canada (Engineering Graduate program) Fall 2006
- ✓ Trainings attended: Project Management, Law & Ethics for engineers, Alberta construction Safety training, Primavera P6, MS Project, First Aid/ CPR Occupational Health and Safety, Seminars
- ✓ Master of Engineering (Concordia University Montreal) 2004-2006
- ✓ Studied Subjects: Project Management, Project Planning& controls, Building Economics, Management & Planning of sustainable structures, Business practices in construction, Planning & design of bridges, Design of pavement, Modern building materials, Construction processes, Labor & industrial relations, Seminars, Presentation on Subjects
- ✓ Academic Projects and presentations (Concordia University Montreal) 2004-2006

- Cost control of EPCM man-hours using PM+ program by SNC, Simulated control of management parameters in Dam construction, Risk management of bridge construction schedule using Monte Carlo Program, Risk analysis techniques for a Dam construction Project, Effect of modular construction on Projects, Bridge management system using AASHTO software Pontis, Productivity of different compaction equipment's, Use of fiber reinforced polymers in Bridge construction Projects
- Primavera: Completed three level advance courses in Primavera P6-P7 from CPM solutions Edmonton, Canada