



COMPANY PROFILE



Project Management Expert Services

- SMART PMS (Project Management Information System)
- Project Planning Scheduling & Monitoring Services
- Project Cost Estimation & Cost Management Services



Construction Claims & Arbitration Management

- Forensic Delay Analysis & Expert Witness
- End-to-End Construction Claims Management
- End-to-End Arbitration Management



Protecon BTG Training Program

- Offline Training with 100% Job Guarantee
- Online Training Modules
- Corporate Training



PROTECON BTG

BRIDGING THE GAP

About Company

Protecon BTG is a Project Management Consulting company with proven ability and experience to deliver project management expert services that help organizations and their people achieve successful project delivery, as well as end-to-end construction claims and dispute resolution services that support organizations in achieving successful project closure.

OUR JOURNEY SO FAR...

Protecon BTG came into existence on 25th September 2013 with the motto "Bridging the Gap."

Over the years, we have achieved sustainable and organic growth, and today we feel proud to be acknowledged and trusted for the quality of our services and the capabilities of our Professionals.



EXECUTIVE MANAGEMENT



Mr. Manish Khilauria, Managing Director & CEO

Mr. Manish Khilauria is an IIT Roorkee alumnus and a certified **Program Management Professional (PgMP®)** by PMI, USA, with over **30 years of experience** in engineering and infrastructure projects. He has worked with leading organizations including **Petrofac International Limited, Qatar Petroleum, and Canadian Natural Resources Limited**. His expertise includes project management, contract administration, planning and scheduling, budgeting, project controls, and commercial management. A **Primavera P6 specialist** and quantitative risk analyst, he is also recognized for his expertise in **forensic schedule delay analysis** and support in **national and international arbitration matters**. He is widely respected for his analytical approach, professional integrity, and practical guidance to clients and stakeholders.



Mr. Ajay Kumar Saxena, COO & Managing Partner

Mr. Ajay Kumar Saxena is an IIT Roorkee alumnus and member of **AACE International** with over **30 years of experience** across leading organizations including **L&T, Qatar Petroleum, Dosal, Technip, and Larsen & Toubro**. He has strong expertise in cost estimation, cost management, financial and economic analysis, optimization modelling, **quantitative risk analysis, claims management, and dispute resolution**. His experience spans refineries, petrochemicals, oil & gas field development, pipelines, infrastructure, ports, rail, and smart city projects across national and international markets. He is recognized for his analytical mindset, structured approach, and ability to resolve complex project challenges efficiently.

DRIVING IN THE FOG?

Smart Project Visibility with Protecon

Managing projects without clear visibility is like driving in fog. Hidden risks, delayed decisions, and unresolved issues can quickly derail performance.

Protecon SMART PMS provides automated Program & Portfolio Dashboard Reporting with 4D visualization — Enabling Leadership to See the **True Big Picture** and Act Early.

- ✓ Real-Time Executive Dashboards
- ✓ Critical Risk Identification
- ✓ Corrective Actions & Insights
- ✓ Risk Mitigation Plans

Integrated Master Implementation Program

- ✓ Aligns Teams & Schedules
- ✓ Optimizes Execution Strategy
- ✓ Monitors Critical Resources & Risks



Project Recovery Services

- ✓ Slow Progress & Growing Issues?
- ✓ Stakeholder Disputes?
- ✓ Diagnosis, Prognosis & Action Plan



Project Cost Estimation & Management

- ✓ Cost Management Plans
- ✓ Forecasts & EVM Reports
- ✓ Budget & Tender Estimates
- ✓ Cash Flow Control



Construction Claims & Dispute Resolution

- ✓ Independent Claim Analysis
- ✓ Forensic Delay Analysis
- ✓ Arbitration & ADR Support
- ✓ End-to-End Claims Management



Protecon BTG - Charter of Services

Consultancy Services - PMO Services

- Design and preparation of multilevel dashboards and reports for client management.
- Development of a Communication Management System (CMS) for technical documents, drawings, and letters.
- Deployment and implementation of a cloud-based real-time Integrated Management Information System (IMIS).
- Preparation of Master Implementation Plan (MIP) for all programs and projects in Primavera P6.
- Resource and cost loading of MIPs.
- Revising MIPs for programs/projects for contract amendments and variation orders issued to contractors.
- Preparation of Progress Measurement System (PMS) as per contract requirements.
- Review of all MIPs, resource loading, and cost loading on P6 and PMS submitted by contractors.
- Recommendation of mitigation strategies for critical slippages/delays to clients to enable corrective actions.
- Review and comments on daily, weekly, and monthly progress reports of contractors and consultants.
- Participation in progress review meetings with contractors for all programs/projects.
- Review and comments on Minutes of Meetings (MoM) for meetings with contractors/consultants.
- Review and management of RFIs and NCRs submission and resolution.
- Preparation of detailed progress calculations and S-curves.
- Regular monitoring of work-front vs. progress achieved by all stakeholders.
- Review of quantum and resource deployment of contractors for programs/projects.
- Preparation and maintenance of cash flow statements.
- Maintenance of expenditure statements – invoice certification, management, and payment status control.
- Contract and Procurement Management (including change management).
- Preparation and implementation of change management procedures to avoid claims.
- Assistance to the client in preparation of contract amendments and variation orders.
- Extension of time (EOT) analysis for contractor's claims.
- Preparation and review of financial analysis and sensitivity analysis.
- Review and analysis of delay claims by contractors.
- Review and analysis of cost claims by contractors.
- Preparation and implementation of an integrated risk management procedure.
- Performance analytics (planned vs. actual) for various project management processes.

Consultancy Services – Delay and Quantum Expert Services with DAB and Arbitration Support

- Review of contract documents, all contractual correspondences, MPRs, and EOT claims of the contractor.
- Delay analysis of contractor's submissions vs. engineer's responses for documents, RFIs, and NCRs.
- Adequacy check of the contractual baseline schedule approved by the engineer, and correction of the same for fair EOT analysis.
- Resource and work quantum analysis.
- Tenability check and culpability analysis (rebuttal) of EOT claims by the contractor.
- Work-front and scenario analysis for change orders and critical issues raised by the contractor.
- Establish contractor's EOT entitlement and delays, as per SCL protocols.
- Preparation of EOT analysis report.
- Delay analysis to establish entitlement for prolongation cost claims of the contractor.
- Review of contractor's prolongation cost claim based on EOT analysis and contractor's delay analysis.
- Preparation of counter claim (if any) for the client.
- Analysis of negative variations and their cost and time impact.
- Review and comments on statement of claim (SoC) during DAB and arbitration stage.
- Inputs in preparation of statement of defence (SoD) during DAB and arbitration stage.
- Review and comments on rejoinders during DAB and arbitration stage.
- Support to the legal team in reviewing written submissions, arguments, affidavits, interim applications, cross-examinations, etc. during DAB and arbitration stage.
- Support to the client and/or the legal team during amicable settlement stage.

Protecon BTG Experience List - Major Projects

As of July 2025

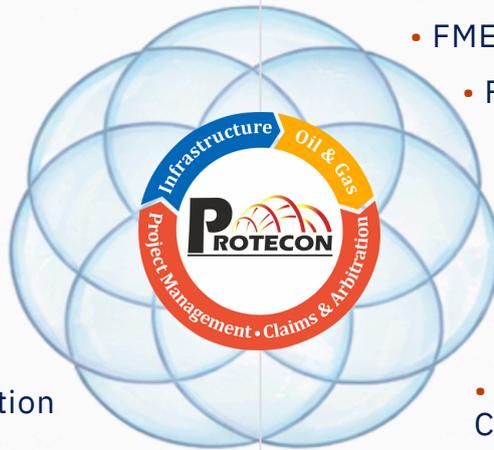
SL	Date of Award	Project Name / Brief Description of Scope	Client's Name	Project Value (Approx)		Remarks / Status
				M USD	Cr INR	
Consultancy Services - PMO Services						
1	14-May-25	Bullet Train Project - Manpower Support Services for Project Planning, Monitoring, Delay Analysis, Contract Administration and Cost Control	M/s National High Speed Rail Corporation Limited (NHSRCL)	17,000.00	1,08,000	Ongoing
2	09-Jul-20	Bullet Train Project - Manpower Support Services for Project Planning and Monitoring	M/s National High Speed Rail Corporation Limited (NHSRCL)	17,000.00	1,08,000	Completed
3	16-May-18	Bullet Train Project - Manpower Support Services for Project Planning and Monitoring	M/s National High Speed Rail Corporation Limited (NHSRCL)	17,000.00	1,08,000	Completed
4	06-Apr-21	USBRL Project - Planning, Scheduling & Monitoring Consultant	M/s IRCON Ltd.	1,886.67	16,000	Completed
5	21-Jan-23	MAHSR C3 Package - Pre Bid Engineering Services	M/s PNC Infratech Private Limited	642.86	15,697	Completed
6	02-Apr-22	DND-KMP Elevated Expressway Corridor - Project Controls & Claim Management Services	M/s Dineshchandra R Agrawal Infracon Pvt. Ltd. (DRAIPL)	500.00	1,836	Contractor's Contract Terminated
7	05-Feb-21	Steel Plant - Planning, Scheduling & Monitoring Services	M/s Tata Steel Ltd	476.22	3,000	Completed
8	23-Oct-19	High Speed Rail Project - Tender Cost Estimate for C-1 Package	M/s National High Speed Rail Corporation Limited (NHSRCL)	3,994.00	3,681	Completed
9	14-Mar-19	High Speed Rail Project - Tender Cost Estimate for C-4 Package	M/s National High Speed Rail Corporation Limited (NHSRCL)	384.62	24,985	Completed
10	11-Nov-16	60 MMTP Refinery at Ratnagiri - Techno-Commercial study	M/s JSW Infrastructure Limited	285.71	2,300	Completed
11	16-Sep-20	Railway Utilities projects at Ahmedabad - Planning, Scheduling & Monitoring Services	M/s RITES Limited	285.71	1,700	Completed
12	03-Mar-20	Railway Utilities projects at Ahmedabad - Planning, Scheduling & Monitoring Services	M/s RITES Limited	285.71	1,700	Completed
13	12-Aug-19	Railway Utilities projects at Ahmedabad - Planning, Scheduling & Monitoring Services	M/s RITES Limited	285.71	1,700	Completed
14	21-Apr-19	Supervision General Consultancy Services (SVGC) Tender - Review & Finalisation based on FIDIC and JICA	M/s National High Speed Rail Corporation Limited (NHSRCL)	1,900.00	13,000	Completed
15	29-Jan-19	Item Rate Tender Review & Finalization with Asian Development Bank (ADB) based on FIDIC	M/s National Capital Region Transport Corporation (NCRTC)	55.00	330	Completed
Consultancy Services – Delay & Quantum Expert Services and DAB & Arbitration Support						
1	19-Feb-24	CTP-14 on Nomination Basis - Delay and Quantum Expert Analysis with assisting in DAB & Arbitration proceedings	M/s Dedicated Freight Corridor Corporation of India Ltd. (DFCCIL)	454.14	3,799	DAB completed, Arbitration SOD submitted
2	02-Mar-22	CTP 14 - Expert Opinion on DAB Decision for Dispute - 04, majorly in favour of Contractor	M/s Dedicated Freight Corridor Corporation of India Ltd. (DFCCIL)	454.14	3,799	DAB completed, now under Arbitration
3	07-Nov-18	O&U Contract at OPAL - Arbitration support services including Delay & Cost Analysis	M/s FERNAS Construction Company Inc, Turkey	300.00	2,500	Arbitration hearings in progress
4	09-Feb-24	EDFC-3/CP-301 - Delay and Quantum Expert Analysis with assisting in DAB & Arbitration proceedings	M/s Dedicated Freight Corridor Corporation of India Ltd. (DFCCIL)	211.52	1,770	Post-SOD DAB Hearing Commenced
5	15-Jul-24	EDFC-3/CP-304 - Delay and Quantum Expert Analysis with assisting in DAB & Arbitration proceedings	M/s Dedicated Freight Corridor Corporation of India Ltd. (DFCCIL)	88.24	739	Claims under analysis
6	14-Nov-14	Pipeline Project of IOCL - Delay Analysis	M/s FERNAS Construction, India	69.09	570	Completed
7	19-Oct-17	Compressor Station by GSPL - Arbitration support services including Delay & Cost Analysis & Technical Support	M/s FERNAS Construction Company Inc, Turkey	51.00	420	Completed; Arbitration Award in favour of our Client for Rs 130 Cr.
8	09-Nov-17	Pipeline Project of EIL - Arbitration support services including Delay & Cost Analysis	M/s FERNAS Construction Company Inc, Turkey	45.00	375	Arbitration on "Hold" due to NCLAT proceedings
9	17-Jun-23	River Crossing Pipeline for GAIL - Forensic Analysis and Support during DAB (SAC) & Arbitration Proceedings	M/s Bhabhira Enterprises	0.66	6	Arbitration hearings in progress

Protecon Consulting FZC

Consulting Services - Oil & Gas

Feasibility & Engineering

- Concept & Detailed Techno-Economic Feasibility Studies
- Basic Design & Extended Engineering Packages
- De-risking, Interface Analysis & Cost/ROI Optimization
- Flexibility & Configuration Studies
- Technology Screening, Selection & Commercialization
- Relocation & Refurbishing of Process Equipment & Plants



Technical & Safety Studies

- Mathematical Modelling & Simulation
- HAZID / HAZOP / SIL Studies
- FMEA & RAM Studies
- Fire Safety (Layout) Studies

Sustainability & Financial Analysis

- Life Cycle Cost & Feed-Product Flexibility
- Energy, Emissions & Carbon Footprint Studies
- Constructability Studies

Consulting Services – Railway Planning & Feasibility

- Detailed Feasibility Studies
- Master & Redevelopment Planning
- Multi-Modal Transport Modelling
- Alignment & Span Optimization
- Railway Engineering & Owner's Engineer
- PMO / PMC Consultancy

Commercial & Support Services

- Cost Engineering & Budget Management
- Proposal Management
- Planning, Scheduling & Monitoring
- Procurement & Contract Management
- Claims & Arbitration Support
- Business Process Development
- Technical Manpower Supply

Major International Projects

- Sewage Treatment Units at Nine Offshore Platforms, ZADCO, UAE
- Cooling Water Network at Zirku Island, ZADCO, UAE
- Gas Treatment Plant-II at Khurmala, KRG, IRAQ
- Coal to Ammonia Project, Air Liquide Global, Indonesia

Protecon BTG - Training Programs

Offline Program Highlights

Since 2014, Protecon BTG has been providing industry-focused, role-oriented training for Young Engineers through its **Project Management & Controls Training Program**. Over **400+** Engineers have been trained to date, and many are now employed with reputed national and international organizations. Our program combines hands-on project experience with mentorship from professionals having **30+** years of industry expertise. **The program comes with a 100% job guarantee on stamp paper.**

Duration – 1 Year

- 6 months classroom training (500+ hours)
- 6-month paid internship

Eligibility

Engineer Graduate, MBA, B.Arch

Target Roles

Project Manager, Project Engineer, Planning Engineer, Scheduling Engineer, Cost Control Engineer, Construction Manager

Corporate Programs

Sr. No.	Training Program	Eligibility	Training Duration
01	Project Management and Controls	For All Levels	Five Days
02	Planning, Scheduling, and Monitoring	For All Levels	Three Days
03	Hands-On Training in Primavera P6	Junior to Middle Level	Five Days
04	Delay Analysis Methodology	For All Levels	Three Days
05	Prolongation Cost and Claim Analysis	For All Levels	Two Days
06	QS and Cost Estimation	Junior to Middle Level	Three Days
07	QS and Contract Management	For All Levels	Three Days
08	Risk Management Process	For Seniors	One Day
		For Juniors	Two Days
09	Change Management Process	For Seniors	One Day
		For Juniors	Two Days
10	Basic HSE Training for O&G	For All Levels	Two Days
11	Basic Quality Assurance in O&G	For All Levels	Two Days

Online Program Highlights

Planning to Billing for Construction (PTBO-01)

Duration: 6 months online (50% fee for extensions)

Modules: 20, 22+ hours

Who Should Join: Professionals with 5 years in construction seeking expertise in project planning, billing, and monitoring.

Pipeline Construction Management (PTBO-02)

Duration: 6 months online (50% fee for extensions)

Modules: 28, 24+ hours

Who Should Join: Young engineers, freshers, and middle management in oil & gas pipelines seeking hands-on project execution skills.

Our Clients

Contact us

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