

# Company Profile

## Protecon Consulting FZC

Business Centre, SPC Free Zone,  
Sharjah, United Arab Emirates  
License No. 4205592.01



Protecon is a Project Management Consulting services company with proven ability and experience to deliver **Project Management Expert Services** to help organizations and their people achieve **Successful Project Deliveries** and to deliver **End-to-End Construction Claims and Disputes Resolution Services** to help organizations achieve **Successful Project Closure**.

# 10 years of Building Credibility

Protecon came into existence on 25th September 2013, founded by a team of IITians with 20+ years of professional experience in Oil & Gas. Over the last 10 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 expertise of our team.

2014 - First PMC assignment in Oil & Gas Sector

2017 - First International assignment - Arbitration Support

2022 - International Office in UAE

2013 - Company Incorporated

2015 - First International PMC assignment in Oil & Gas Sector

2018 - Diversified into Railway Sector

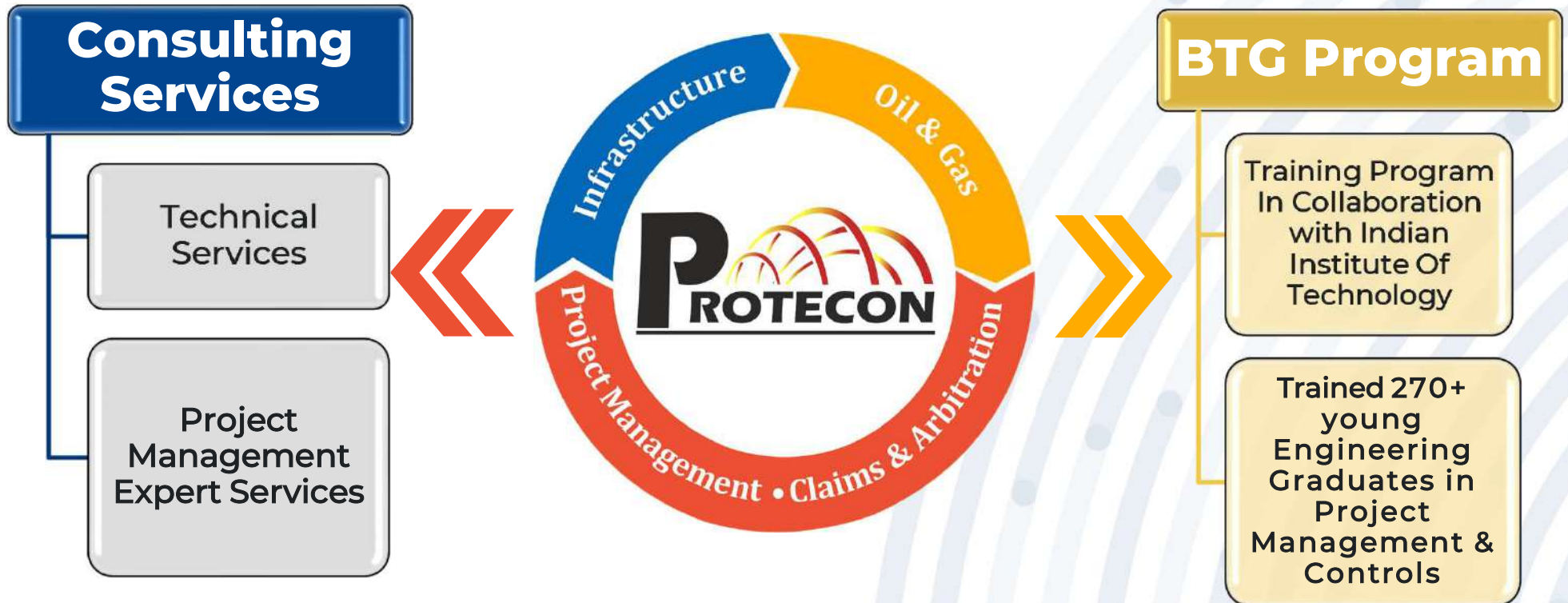


# Our Vision & Mission

To Become the **most trusted** PMC services company in the world **by adding maximum and measurable values** in each and every assignment / project we undertake by giving **sincere attentiveness** to the relationship we forge with each of our clients.

Our commitment to inject Substantial and Measurable Value into the customer's own value-creating process and our unparalleled attentiveness to the relationship we forge with each of our clients shall be consistently and consciously engrained into our work habits.

# BUSINESS VERTICALS



# Consulting Services - Oil & Gas

**Concept and Detailed Techno-Economic Feasibility Studies for Complex and Innovative Technologies**

**Basic Design & Extended Engineering Packages**

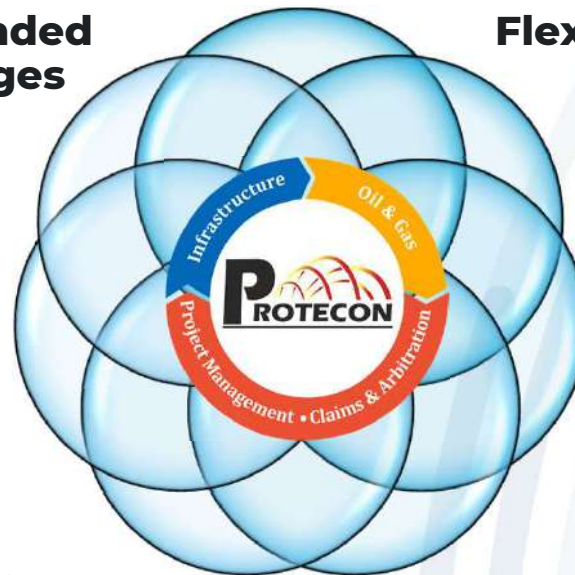
**Flexibility & Configuration Studies**

**De-risking, Interface Analysis and Cost/ROI Optimization Studies**

**Technology Screening, Analysis & Selection Studies**

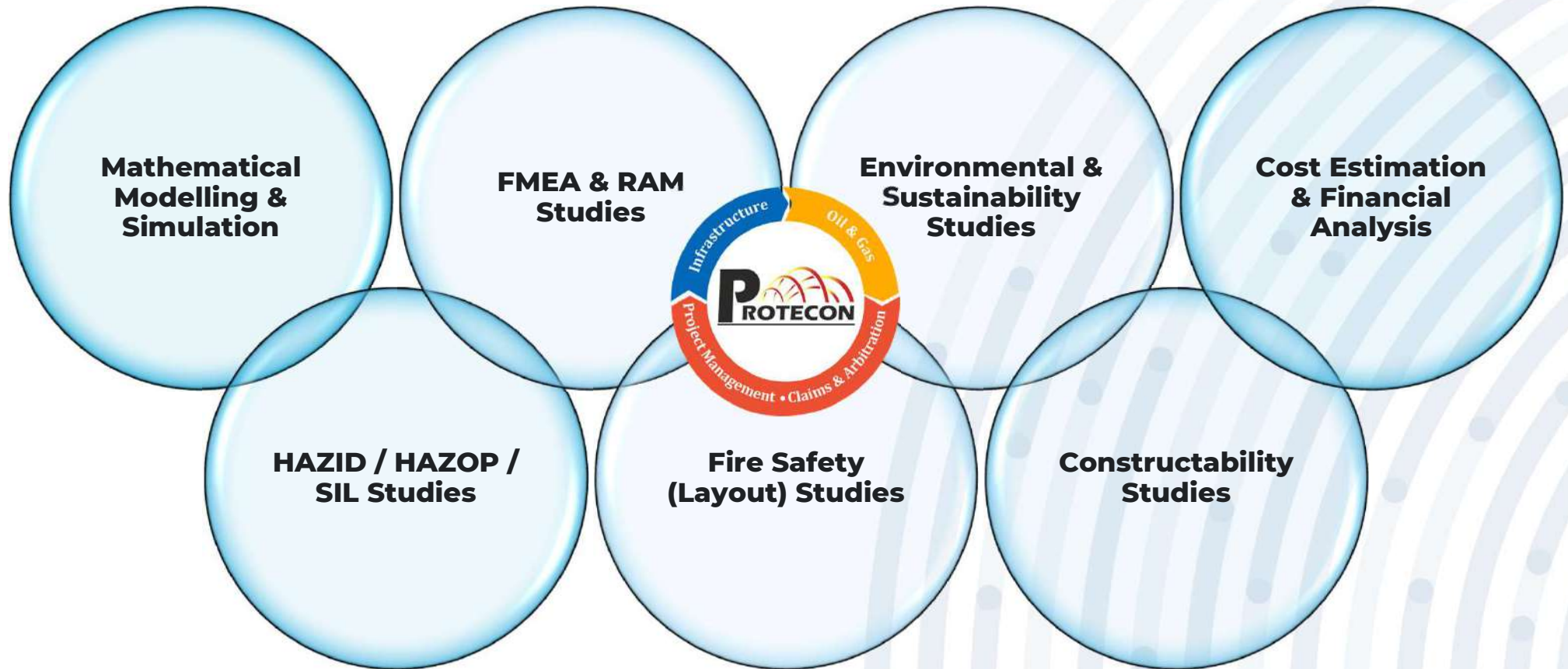
**Relocation, Reverse-Engineering & Refurbishing of Process Equipment & Plants**

**New Technology Adoption & Commercialization**



# Consulting Services - Oil & Gas

Life Cycle Cost, Feed-Product Flexibility, Energy, Emissions & Carbon footprints

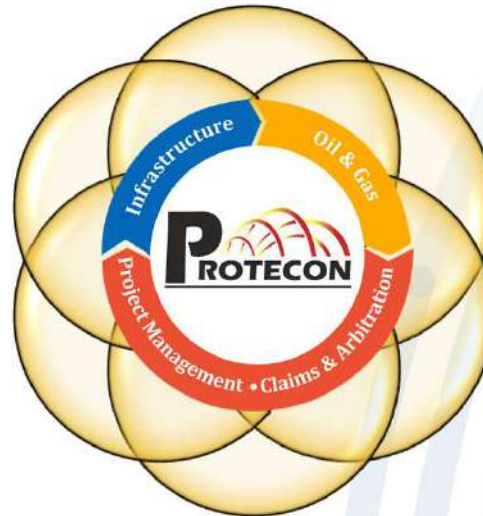


# Consulting Services - Railways

**High Speed, Rapid, Metro and Freight Rail Corridors**

**Detailed  
Feasibility  
Studies**

**Project Management  
Office / Consultancy  
(PMO/PMC) Services**



**Alignment & Span  
Optimization  
Studies**

**Railway  
Engineering  
Management /  
Owner's Engineer**

**Multi-mode  
Transportation  
Modelling**

**Master Development  
and Re-Development  
Plans**

# Project Management Expert Services

Engineering Management/  
PMO / PMC / EPCM  
through SMART-PMS

Cost Engineering &  
Budget Management

Proposal Management

Claims & Arbitration  
Support Services



Planning, Scheduling &  
Monitoring Services

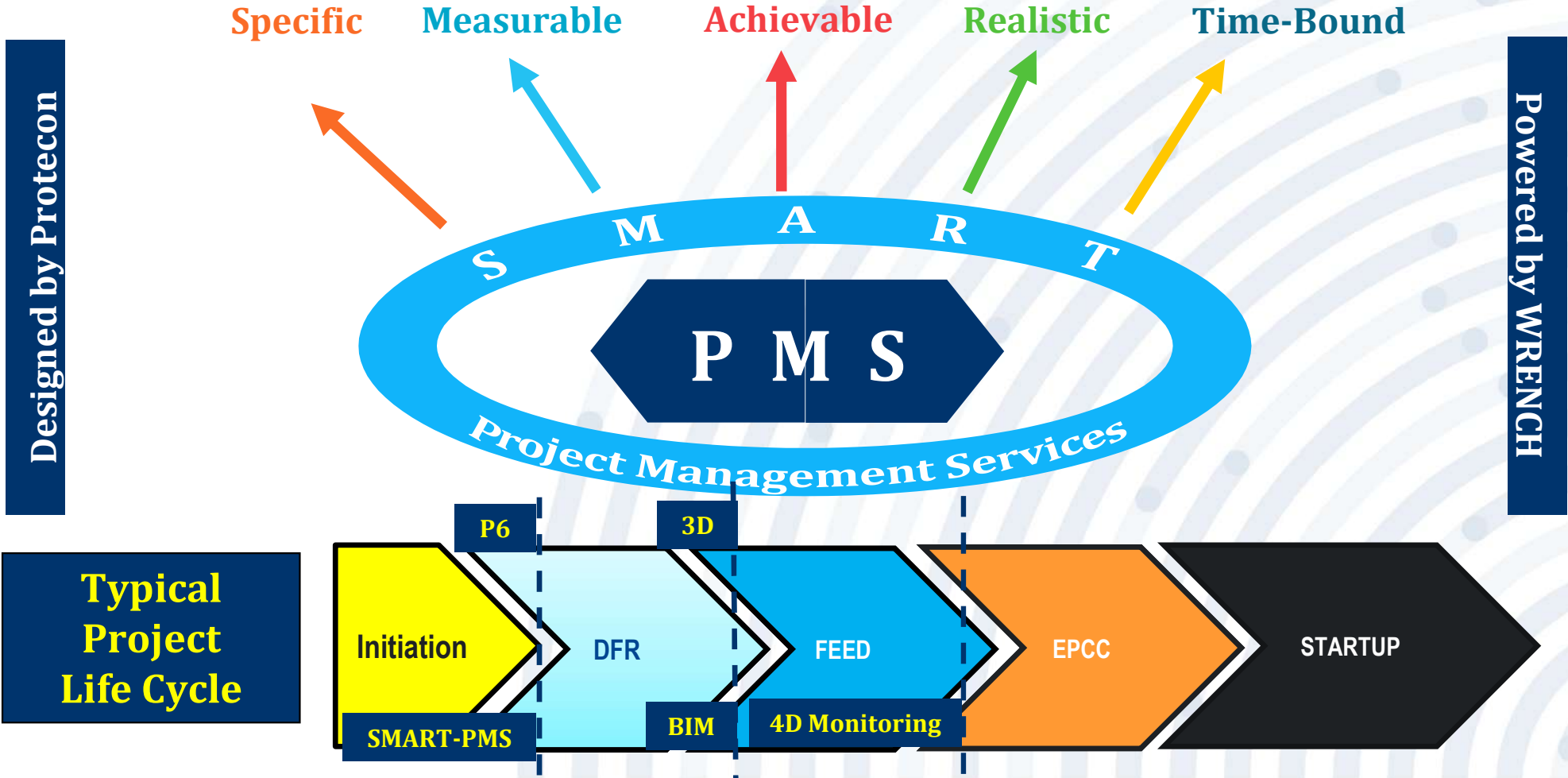
Procurement &  
Contract Management

Business System Process  
Development

Technical Manpower  
Supply Services

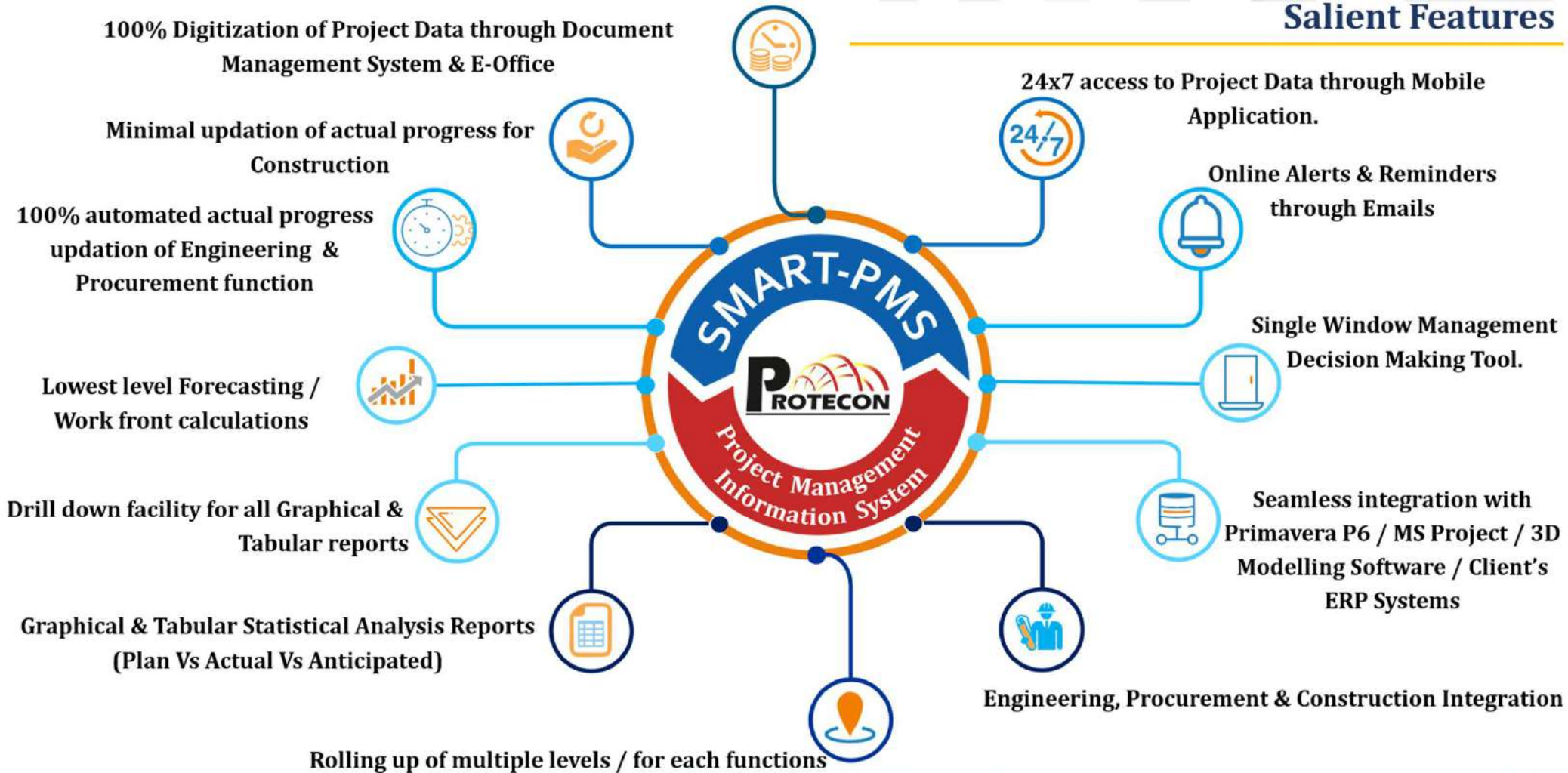


# SMART-PMS : Integrated Project Management Information System



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## Salient Features



# SMART-PMS : Integrated Project Management Information System

## Salient Features

Integrated Common data Environment for all the stakeholders.

Online & Concurrent Commenting of documents.

Online creation of Comment Resolution Sheets (CRS) with historical track record of every CRS.

Automatic updating of Billing Schedule / Invoices

Cash flow & Expenditure monitoring

Pictorial Line Diagram / Strip chart for Linear Projects

Cloud hosting with 100% Data Confidentiality Assurance

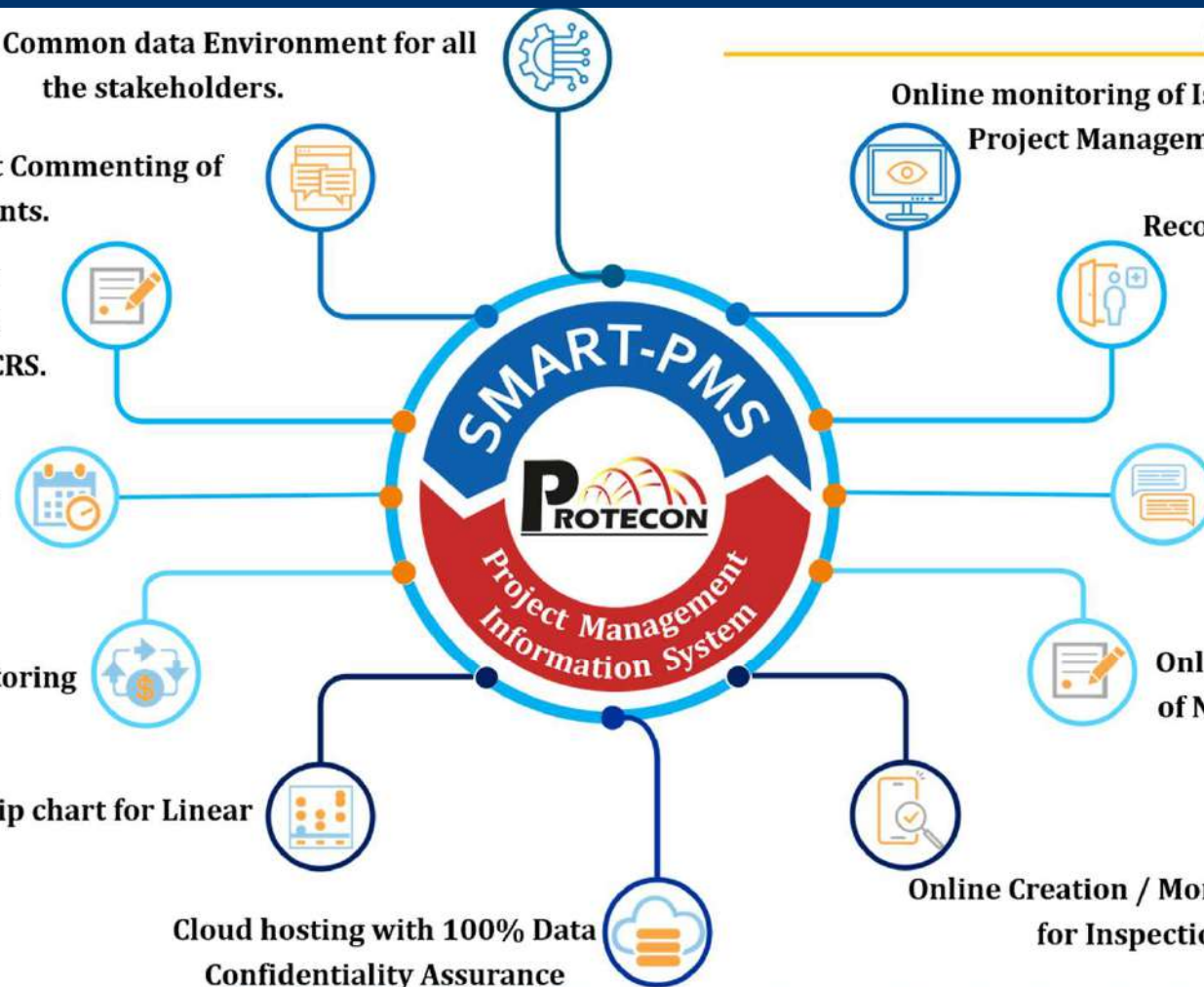
Online monitoring of Issues linked with all Project Management Processes.

Recovery/Catch-up Plans Application.

Online Creation / Monitoring of Request of clarification (RFCs).

Online Creation / Monitoring of Non-conformance Reports (NCRs).

Online Creation / Monitoring of Request for Inspections (RFIs)



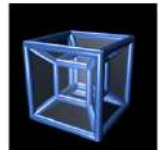
# SMART-PMS : Integrated Project Management Information System



**Integrated Timesheet Management for effective Cost/Resource Monitoring**



**Live Streaming of Construction Work through CCTV.**



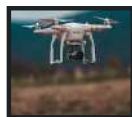
**4-D Planning, Scheduling & Monitoring.**



**Integration with GIS Software & Satellite Imaging System.**



**Online Equipment Tracking through RFID for effective Cost/Resource Monitoring.**



**Integration with Drone Monitoring System.**



**Online Monitoring / Witnessing of Inspection Tests / Factory Acceptance Tests .**

# Management Team



**Manish Khilaura**  
**MD & CEO, India**  
Civil Engineering  
IIT Roorkee



**Ajay Kumar Saxena**  
**Managing Partner, UAE**  
Industrial Engineering  
IIT Roorkee



**Pankaj Rastogi**  
**Chief Mentor (Ex-CEO, India)**  
Industrial Engineering  
IIT Roorkee



**Atul Misra**  
**President (Oil & Gas) MENA Region**  
Industrial Engineering  
IIT Roorkee

# Management Team



**Achal Khare**  
**President**  
**(Railways)**  
**MENA Region**  
Civil Engineering  
IIT Roorkee



**Arun Zutshi**  
**Senior Vice President**  
**(Contracts)**  
NIT Allahabad



**Virender Aggarwal**  
**Director – Project**  
**Controls – High**  
**Speed Rail**  
IIT BHU



**R. P. Shriwas**  
**Sr. Vice President**  
**(Engineering)**  
Mechanical  
Engineering  
GEC, Bilaspur

# Executive Department & HODs

**Process Design & Optimization**

**Pitam Chandra**

**Process & Operation Safety**

**Niranjana Rajkhowa**

**Civil, Structural & Fire Safety**

**Dr. Sridebi Basu**

**Mechanical Engineering**

**Sanjay Majumdar**

**Piping, Pipelines & 3-D Modelling**

**Y C Pathak**

**Electrical Engineering**

**Sanjay Gupta**

**Instrumentation & Control Automation System**

**Vikas Amitabh**

**Geotechnical Engineering**

**Satish Debnath**

**Environmental Engineering**

**Dr. Rajesh Kumar Srivastava**

**Engineering Management / Simulation / R&D**

**Ajay Kumar Saxena**

# Experience – Technical (Oil & Gas)

Date of Award	Brief Service Description	Client's Name	Project Cost (Million US\$)	Status
Nov-23	Concept study for Techno-commercial Feasibility of Underground Crude Storage Terminal at Ruwais Refinery, UAE	ADNOC / DAR ALHANDASAH	470	Completed
Nov-22	Technical Concept Report on Strategic Aviation Turbine Fuel Storage Facility	Confidential	-	Completed
Oct-19	DFR Cost Estimate for Natural Gas Processing Complex, Rajasthan, India	Air Liquide Global E&C Solutions	29	Completed
Jun-18	Detailed Feasibility Report, Cost Estimation and Financial Analysis of Gas Distribution Network for 3 Nos. Geographical Areas (GAs) Viz. 52, 53 & 54	JayMadhok Energy	102	Completed
Sep-17	Techno-Commercial Feasibility Study for 50 TPD Hydrogen Peroxide Plant at Manglore	Confidential UAE Investor	22	Completed.
Aug-17	Feasibility Study of a 5000 TCD Gross Root Sugar Refinery at Sudan	Group of Qatari Investors	53	Completed.
Apr-17	Configuration Study & Cost Estimate for 10 and 30 MMTPA Skid Mounted mini refinery, Indonesia	SIMON India Limited	205	Completed
Feb-17	Pre-bid Engineering & EPC Tender Estimate for Balance of Plant for LPG Terminal at Mundra	SIMON India Limited	52	Completed
Jan-17	Detailed Engineering Services for City Gas Distribution Network, Ph-1 at Jalandhar	JayMadhok Energy	31	Completed
Nov-16	Techno-Commercial study of VLCC Vs SPM facility required for Crude Oil Terminal at Ratnagiri	JSW Infrastructure Limited	384	Completed
Jun-16	Detailed Plot plan Study incorporating Site Visit & Preliminary Constructability Review for 60 MMTPA West Coast Refinery at Ratnagiri	JSW Infrastructure Limited	384	Completed
Jun-16	Refinery Configuration, Site Selection & High-level Plot plan Study for 60 MMTPA West Coast Refinery at Ratnagiri	JSW Infrastructure Limited	25000	Completed
Jul-15	(1) Conceptual Study of Refrigerated Liquid Ammonia Export facilities, Coal Import Jetty & Methanol Jetty in Indonesia (2) Constructability Study of 1 MMTPA Coal to Ammonia Plant in Indonesia	Air Liquide Global E&C Solutions	200	Completed
Mar-15	Site Selection Study, Pipeline Sizing Optimization & Conceptual Cost Estimation Report for Crude Oil Storage Facility at Mundra & Dhamra	PortPlus Consultant, India	273	Completed
Feb-15	Conceptual Study Report of Ammonia, Phosphoric Acid Handling and Storage Facility development at Mundra	HOWE Engineering Projects (India) Pvt. Ltd, India	62	Completed
Aug-14	Line pipe Sizing & Cost Optimization study for Concept Report for a Marine Facility for evacuating Crude Oil near Nagayalanka by Cairn India Ltd.	PortPlus Consultant, India	87	Completed
Feb-14	Pre-bid Engineering & Tender Cost Estimate for 270 Km LPG Pipeline between Haldia to Durgapur (Group A & B)	McNally Bharat Engg. Company Ltd, India	72	Completed



## Experience - Project Management Services (Oil & Gas)...

Date of Award	Brief Service Description	Client's Name	Project Cost (Million US\$)	Status
Mar-23	ARAMCO - Tail Gas Treatment Project - EPC Project Schedule Assessment - Peer Review	L&T Energy - Hydrocarbon	-	Completed
Jun-23	Forensic Analysis & Independent Expert Opinion on dispute in HDD & Associated Works for Banas River Crossing project	Bhabira Enterprises	-	Completed
Nov-22	Review & Finalization of Cost Estimation report for Detailed Engineering for UAD Open & Closed Drain System Segregation And Required Modifications by ADNOC	Worley, UAE	12	Completed
Oct-22	Master Service Agreement with Petrofac International for provision of Contractual, Commercial & Delay Analysis and Claims Consultancy Services	Petrofac International (UAE) LLC	Call Off	Ongoing
Sep-19	Planning, Scheduling & Monitoring Services for Various projects of Air Liquide	Air Liquide Global E&C Solutions	34	Completed
Nov-18	Arbitration support services (Delay analysis, Cash Flow Analysis, Cost Claim Validation & Technical Support) for EPC of Utilities & Offsites work of OPAL	FERNAS Construction Company Inc, Turkey	300	Ongoing
Oct-18	Tender Estimate & Proposal Management for LPG Terminal Service, Gujarat	Engineering Infrastructure (India) Limited	30	Completed
Nov-17	Delay Analysis, Cash Flow Analysis, Cost Claim Validation & Technical Support for South Jetty Pipeline Project (SJPL)	FERNAS Construction Company Inc, Turkey	45	Completed
Oct-17	Engineering, Procurement & Construction Management Services for City Gas Distribution (CGD) Network at 3 Cities viz. Jalandhar, Ludhiana and Kutch East	Jay Madhok Energy	49	Closed
Oct-17	Arbitration support services (Delay analysis, Cash Flow Analysis, Cost Claim Validation & Technical Support) for Compressor Station by GSPL	FERNAS Construction Company Inc, Turkey	51	Completed, Arbitration won by FERNAS Construction Company Inc
Aug-17	Institutional & Capacity Needs Assessment Study, Redesign of Existing Organogram with Allocation of Personnel along with Job Description	Infrastructure Investment Facilitation Company, Bangladesh	-	Completed

## Experience - Project Management Services (Oil & Gas)...

Date of Award	Brief Service Description	Client's Name	Project Cost (Million US\$)	Status
May-17	Project Controls Services for EPC Execution of BOP for LPG Terminal at Mundra	SIMON India Limited	52	Completed
Apr-16	EPC Tender Cost Estimate for Industrial Projects of M/s ADNOC Distribution at Ras Al Khaimah	Atkins Global, UAE	25	Completed
Apr-16	EPC Tender Cost Estimate for Industrial Projects of M/s ADNOC Distribution at Al-Ain	Atkins Global, UAE	20	Completed
Apr-16	EPC Tender Cost Estimate for Industrial Projects of M/s ADNOC Distribution at Musaffah	Atkins Global, UAE	20	Completed
Apr-16	Planning / Scheduling Services for ZADCO's Cooling Water Network at Zirku	Atkins Global, UAE	20	Completed
Mar-16	Cost Estimation support for Risk Analysis & Value Engineering Workshop for ZADCO's Cooling Water Network at Zirku Island	Atkins Global, UAE	20	Completed
Oct-15	Cost Estimation & Planning / Scheduling Services for ZADCO's Sewage Treatment Units at 9 Offshore Platform	Atkins Global, UAE	25	Completed
Aug-15	Cost Estimation Services for ZADCO's Cooling Water Network at Zirku	Atkins Global, UAE	55	Completed
Jun-15	Delay Analysis & Cost claim preparation for HDD crossing on River Yamuna	Trenchless Engineering Services	20	Completed
May-15	FEED Cost Estimation & Financial Analysis for Product Pipeline Augmentation Project of HPCL	Triune Energy Services	7	Completed
Nov-14	Delay Analysis for South Jetty Pipeline Project of IOCL	FERNAS Construction Company Inc, Turkey	70	Completed
May-14	Project Management Services for 357 Km LPG Pipeline between Paradip to Haldia (Group A)	McNally Bharat Engg. Company Ltd, India	38	Completed

# Experience – Railways Sector

Date of Award	Brief Service Description	Client's Name	Project Cost (Million US\$)	Status
May-18	Planning and Monitoring Services for India's first High Speed Rail (Bullet Train) Corridor project between Mumbai and Ahmedabad	National High Speed Rail Corporation Limited (NHSRCL)	16100	Ongoing
Jan-19	Tender Document Review & Finalization with Asian Development Bank (ADB) based on FIDIC conditions of Contract	National Capital Region Transport Corporation (NCRTC)	55	Completed
Mar-19	Tender Cost Estimate for C-4 Package of Mumbai to Ahmedabad High Speed Rail Project	National High Speed Rail Corporation Limited (NHSRCL)	3500	Completed
Apr-19	Review & Finalization of Supervision General Consultancy Services (SVGC) Tender based on FIDIC conditions of Contract and Standard Bidding Document of JICA	National High Speed Rail Corporation Limited (NHSRCL)	-	Completed
Aug-19	Planning, Scheduling & Monitoring Services for various Railway Utilities projects	RITES Limited	-	Completed
Oct-19	Tender Cost Estimate for C-1 Package covering underground Mumbai Station and Cut & Cover Tunnel of Mumbai to Ahmedabad High Speed Rail Project	National High Speed Rail Corporation Limited (NHSRCL)	500	Completed
Sep-21	Project Control Services for 01. Mumbai AFC Project (MMRCL) 02. Bangalore Metro Project (BMRCL) 03. Kulaura-Sahbazpur (Bangladesh Railway)	Texmaco Rail And Engineering Limited	150	Completed
Mar-22	Expert Opinion on DAB Decision for Dispute - 04 for CTP-14 Package by Sojitz-L&T Consortium	Dedicated Freight Corridor Corporation of India Ltd. (DFCC)	100	Completed
Jan-23	Pre-Bid Engineering, Cost Estimation, Planning , Scheduling and Proposal management Services for Bullet Train, MAHSR C3 Package (137 Km Viaduct, +11 Bridges+ 7 Tunnels+ 3 Stations)	PNC Infratech Private Limited	2000	Completed

# Experience – Dispute Resolution & Arbitration

Date of Award	Brief Service Description	Client's Name	Project Cost (Million US\$)	Status (As of 10/12/2024)
Oct-17	Arbitration support services (Delay analysis, Cash Flow Analysis, Cost Claim Validation & Technical Support) for Compressor Station by GSPL	FERNAS Construction Company Inc, Turkey	30	Award of Arbitration concluded in favor of our client, Fernas Construction
Nov-17	Arbitration support services (Delay analysis, Cash Flow Analysis, Cost Claim Validation & Technical Support) for OSBL Pipelines by EIL	FERNAS Construction Company Inc, Turkey	45	Arbitration on hold due to NCLAT proceeding.
Nov-18	Arbitration Support Services for defending OPAL's claim of US\$ 1.2 Billion against Fernas Construction Company Inc. for Offsite & Utilities Project of ONGC Petro Addition Limited	FERNAS Construction Company Inc, Turkey	216	Arbitration in progress.
Jun-23	Forensic Analysis and Support during DAB (SAC) & Arbitration Proceedings for HDD & associated works for Banas river crossing in Bhilwara-Chittorgarh pipeline section of Kota-Chittorgarh pipeline	Bhabira Enterprises	0.54	Arbitration in progress.
Feb-24	Consultancy and professional services for Delay and Quantum Analysis including Expert Testimony during Alternate Dispute Resolution proceeding in CTP-14.	Dedicated Freight Corridor Corporation of India Limited	457	Arbitration in progress.
Feb-24	Professional Services of Expert for Free and Fair Delay and Quantum analysis for the assessment of EOT claim, Prolongation claim, counter claim (s) along with assisting/contesting DAB & Arbitration cases arising therefrom (EDFC-3/CP-301)	Dedicated Freight Corridor Corporation of India Limited	204	DAB in Progress
Jul-24	Professional Services of Expert for Free and Fair Delay and Quantum analysis for the assessment of EOT claim, Prolongation claim, counter claim (s) along with assisting/contesting DAB & Arbitration cases arising therefrom (EDFC-3/CP-304)	Dedicated Freight Corridor Corporation of India Limited	88	Pre DAB in Progress

# Our Clients



أدنوك  
ADNOC



HMEL



Jay Madhok

ATKINS

Member of the SNC-Lavalin Group

dar



Air Liquide  
creative oxygen



SMS group

JSW Infrastructure



TEXMACO



KALPA-TARU



McNally Bharat  
Engineering Company Limited



SIMEN  
India



MULTITEX<sup>®</sup>  
FILTRATION ENGINEERS LTD.



National High Speed Rail Corporation Ltd.



Dedicated Freight Corridor



THE INFRASTRUCTURE PEOPLE



national capital region  
transport corporation  
A JV of Government of India and participating  
State Governments



# Thank you

for your time and effort to go through our Company Profile.  
Please feel free to contact us, if you need further information

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