

Praveen Kumar Chand, 1967 born, 1985-1989 batch Civil Engineering Graduate from National Institute of Technology, Trichy (India), having 28 years of rich experience in Infrastructure, Oil & Gas and Petrochemicals Projects. Overall experience covers multidisciplinary engineering, procurement, construction, project planning, control & monitoring, multiple projects' co-ordination and project management, along with projects cost estimation, cost control, bids/proposals, contract and claim management.

He has worked with

- PUNJ LLOYD Ltd for 6 years (Aug 1989 to July 1995)
- DODSAL Pte Ltd (UAE) for more than 10 years (Jul 1995 to Oct 2005)
- Pt PUNJ LLOYD Indonesia for around 3 years (Nov 2005 to Mar 2008) and
- PUNJ LLOYD Oil & Gas Sdn Bhd / Punj Lloyd Sdn Bhd in Malaysia (Mar 2008 to Feb 2017) for 9 years.

Education and completed courses

- Bachelor of Engineering (B.E. Civil, Hons) from NIT Trichy
- Postgraduate Diploma in Construction Law, Arbitration and Adjudication from Robert Gordon University (RGU), Aberdeen, UK (i.e., as part of Masters, LLM in Construction Law, Arbitration and Adjudication to be completed in 2018).
- Construction Management and Integrated Project Control System on Time & Cost Control Modules
- Contract Administration for Construction and Infrastructure Projects conducted by Royal Institution of Chartered Surveyors (RICS)

He is member of

- Project Management Institute (PMI)
- Chartered Institute of Arbitrators (MCI Arb)

Has successfully completed execution of several Oil & Gas Pipeline Projects in Indonesia, Malaysia, UAE and India on EPCC basis. Has carried out execution of Tankages, Plants, Buildings and Roads & Bridges. Also, worked as Estimation and Proposal Manager on more than fifty EPCC and Construction bids for various clients worldwide, including but not limited to projects in India, Indonesia, Malaysia, Thailand, Myanmar, Kazakhstan, Sudan, Yemen, Jordan, Kuwait, Qatar, Oman, Saudi Arabia and UAE. Has also worked as Engineering Manager on couple of projects in UAE; worked as Project Director for Sabah Sarawak Gas Pipeline Project (USD 850 Million) on EPCC basis for PETRONAS in Malaysia.

The major clients dealt with are CFCL, ONGC, IOCL and EIL in India, PERTAMINA, PGN and TOTAL in Indonesia, PFD in Kazakhstan, PETRODAR and OVL in Sudan, YLNG and TECHNIP in Yemen, KOC in Kuwait, QGPC and QP in Qatar, PDO and OGC in Oman, ARMCO in Saudi, ADNOC, GASCO, ADCO, TAKREER, DEL, SEWA and SNAMPROGETTI in UAE, PETRONAS, PRPC and VALE in Malaysia, PTT in Thailand, and CNPC in Myanmar.

Beside positions of Executive Vice President, Country Head (Malaysia) and SBU Head (Pipelines) in the South East Asia had been also responsible as Director of Punj Lloyd Oil & Gas Sdn Bhd (PLOG) and Punj Lloyd Sdn Bhd (PLSB), the Malaysian subsidiaries of Punj Lloyd Ltd. The responsibilities include operations, marketing and business development, loss & profit and other COMPANY affairs.

Work Experience as PROJECT MANAGER/DIRECTOR:

(1.) 36" x 512 Km Sabah Sarawak Gas Pipeline Project (SSGP)

Duration: March 2008 – Feb 2017
Position: PROJECT DIRECTOR
Client: PETRONAS Carigali Sdn Bhd
Contractor: Petrosab – Dialog – Punj Lloyd Consortium
Punj Lloyd acted as leader of the Consortium
Contract Value: USD 850 M (Original Contract Value was USD 500 M)

Project Engineering, Procurement, Construction and Commissioning of 36" x 512 KM Gas Pipeline including Booster Compressor Station (4 x GTCP), 21 nos. of Block Valve Stations with Buildings and Roads, 3 nos. of Intermediate Stations with Buildings and Roads, Metering, SCADA & Tele-communication, Gas Management System and other associated facilities. The SSGP pipeline passes through dense rainforests and mountainous terrain of Sabah and Sarawak with 25 HDDs crossing, nearly 3,000 nos. of open cut crossings and 55 KMs of Swamp. Client supplied the coated line pipes as free issued material.

(2.) Electro Mechanical Assembly & Erection Works

Duration: Nov 2012 – Dec 2014 (in parallel with SSGP, above)
Position: PROJECT DIRECTOR
Client: Vale Malaysia Minerals Sdn Bhd
Contractor: Punj Lloyd Oil & Gas Malaysia
Contract Value: RM 124 Million

The scope of work consists of installation of electro-mechanical equipment and other components for the import, export, stock yard and pellet plant stockpile CONVEYORS with 10 MT/Hr capacity including 1.8 meter wide belts' laying for the conveyors. The steel structure erection for conveyor gantries, pipe racks, transfer towers and associated ladders, stairs, etc. The total 22,533 MT of steel structure assembly & erection work scope including:

- Conveyor System (12 Nos.) - 6,365 MT
- Transfer Towers (8 Nos.) - 11,217 MT
- Pipe Racks (27 Nos.) - 3,442 MT
- Workshop & Others (1 No.) - 1,509 MT

The piping fabrication and erection works (approx. 88,000 Inch Dia.), supply and erection of roofing, sheeting and wall claddings (approx. 50,000 Meter Square),

equipment erection (above 400 MT) for pumping stations and other plants and installation of rails (4,000 meters) for Stacker Re-claimer.

The scope also included supply, fabrication and erection of portable water tanks, erection of shop fabricated tanks, tramp chutes and conveyor head chutes complete with wear resistant liners.

(3.) South Sumatera West Java Onshore Gas Transmission Project - I

Duration: January 2006 – March 2008 (in parallel to SSWJ – II)
Position: PROJECT MANAGER / DIRECTOR
Client: PT Perusahaan Gas Negara (PGN) /
JFE Engineering Corporation
Contractor: Pt. Punj Lloyd Indonesia
Contract Value: USD 47 Million

The scope of work included installation of a 32" x 267 Km Gas Pipeline (with 11 Nos. of HDDs and 5 KM of Swamp), Hook-Up and Testing, Pre-Commissioning and Commissioning of the system including 9 Nos. of Sectional Valves Stations, 5 Nos. Future Connections, Civil Buildings and Roads, Mechanical, Piping, Electrical & Instrumentation Works. Client as free issued material supplied the coated line pipes.

(4.) South Sumatera West Java Onshore Gas Transmission Project - II

Duration: November 2005 – March 2007 (in parallel to SSWJ – I)
Position: PROJECT MANAGER
Client: PT Perusahaan Gas Negara (PGN)
Contractor: Pt. Punj Lloyd Indonesia
Contract Value: USD 52 Million

The scope of work included Engineering, Procurement, Construction and Commissioning of a 32" x 267 Km Gas Pipeline (with 11 Nos. of HDDs and 5 KM of Swamp), Hook-Up and Testing, Pre-Commissioning and Commissioning of the system including 9 Nos. of Sectional Valves Stations, 5 Nos. Future Connections, Civil Buildings and Roads, Mechanical, Piping, Electrical & Instrumentation Works. Client as free issued material supplied the coated line pipes.

Initially appointed and started as Project Manager of both the Projects SSWJ-I and SSWJ-II, but later on, in early 2007 became the Project Director.

Other Experiences

Pipelines Projects: Carried out execution of following Pipeline Projects:

- 8" and 12" diameter, 17 KMs LPG & Multi products Twin Pipelines on EPCC basis for ADNOC in Abu Dhabi, UAE.
- 42" diameter 23 KMs SBHT Gas Trunk Line for ONGC, Hajira
- 16" diameter x 210 KMs Multi products Pipeline for PERTAMINA in Indonesia
- 24" diameter x 7 KMs Raw Water Pipeline for CFCL, Kota in India
- 14" diameter x 46 KMs Oil Pipeline for Oil India Limited in Assam
- Shore Pulling at Landfall Point in Umbhrat for 42" SBHT Project
- Inshore pipeline works up to 42" diameter
- Major river/channel crossings by 'Bottom Pull Method' up to 42" size

Plant Works: Had been involved in execution of the following works:

- Fabrication and Erection of Steel Tanks [up to 38 m diameter / 22 m height]
- Erection of Vertical Turbine Pumps for Raw Water Supply System
- Erection of Nitrogen Generator Packages and Bullets
- Fabrication and Erection of U/G Piping for Ammonia & Urea Cooling Water System at CFCL, Kota
- Fabrication and Erection of Interconnection Piping and associated Structural Steel Pipe Racks at CFCL, Kota

Civil Works: Had been involved in execution of the following works:

- Civil works for DM and Polished Water Plant
- Construction of Tank Pad and RCC Ring Wall Foundations
- Construction of Overhead RCC Tank
- Construction of roads and bridges
- Construction of Tunnel for a Raw Water Intake System
- Construction of Pump House and MCC Buildings

Estimation & Proposals

Worked as Lead Estimation and Proposal Engineer on more than 50 EPCC and Construction Bids for various clients worldwide including Projects in India, Indonesia, Kazakhstan, Sudan, Yemen, Jordan, Kuwait, Qatar, Oman, Saudi Arabia and UAE.

The responsibilities included preparation of Technical and Commercial Bids, overall execution Strategy, planning, enquiries & techno — commercial evaluation of the offers received during bidding stage, cost estimation, preparation of proposals, clarifications and negotiations with the clients.

Career History

Project Director

- Mar 2008 – Feb 2017 at Sabah Sarawak Gas Pipeline Project for PCSB
- Nov 2012 – Dec 2014 at Electro Mechanical Works Project for VALE
- Jan 2006 – Mar 2008 at SSWJ - I Project for PGN
- Nov 2005 – Mar 2007 at SSWJ - II Project for PGN

Proposal Manager: January 1998 — October 2005 with Dodsals Pte. Ltd., Dubai, UAE

Engineering Manager

July 1997 — December 1997 with Dodsals Pte. Ltd., Dubai / Sharjah, UAE
Worked as Engineering Manager on 30" x 23 KMS Sajja — Wasit Gas Pipeline Project executed by DODSALS for Sharjah Electricity & Water Authority [SEWA].

Lead Estimation/ Proposal Engineer

January 1997— June 1997 with Dodsals Pte. Ltd., Dubai, UAE

Project Engineer

March 1996 — December 1998 with Dodsals Pte. Ltd., Abu Dhabi, UAE

Pipeline Engineer

July 1995 — February 1996 with Dodsals Pte. Ltd., Dubai, UAE

Site Manager

April 1995 — July 1995 with Punj Lloyd at SBHT Project, India

Sr. Project Engineer

January 1994 — March 1995 with Punj Lloyd at SBHT Project, India

Sr. Project Engineer

June 1993 — December 1993 with Pt. Punj Lloyd, Indonesia

Sr. Project Engineer

February 1993 — May 1993 with Punj Lloyd Limited, India

Project Engineer

March 1992 — February 1993 with Punj Lloyd Limited, Kota, India

Planning Engineer

February 1991 — March 1992 with Punj Lloyd Limited, Kota, India

Site Engineer

March 1990 — February 1991 with Punj Lloyd limited, Kota, India

Engineer [Trainee]

August 1989 — March 1990 with Punj Lloyd Limited, New Delhi, India