



RAKESH KUMAR KHALI

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PROFESSIONAL SYNOPSIS

- A Civil Engineer with over 2.6 decades of experience in Project Management, Project Planning, site & Construction Management, Fabrication for Plant, quality, budgeting, resource planning & cost control.
- Presently associated with M/s Hindustan Construction Co Limited, Mumbai as:
 1. Group Project Manager for J&K Rail Projects(T-48,T-49A & Pir Panjal Projects) in the role of **Project Director**.
 2. Over all In charge of Prestigious EPC 1000 MW (4X250MW) Tehri Pump Storage Project-EPC Project in Tehri Garhwal- Uttarakhand
- Adept in planning, executing and spearheading construction projects involving method engineering, development and resource planning with a flair for adopting modern construction methodologies.
- Expertise in swiftly ramping up projects with competent cross-functional skills and on time execution.
- Distinction of successfully executing projects worth Rs.50 Crores (min) to Rs.6000 Crores (max) for construction of Dams, Long Tunnels (Hydro & Railway), Power Houses, Underground Caverns, Buildings and Bridges etc across the career span.
- Traveled across USA, Switzerland, Thailand, Malaysia, Nepal, Bhutan, Singapore, Austria, North Yaman, UAE, Australia, Myanmar, Turkey, Oman, South Yaman, Bangladesh, Germany, Spain, Italy, Holland, France, Hungary, UK, Canada, Iraq, Iran, Kuwait, Saudi Arabia, Bulgaria, Portugal, Brazil, Croatia & Belgium.
- An enterprising leader with ability of handling large taskforces in a disciplined & organised environment as well as mentoring & motivating teams in optimising performance levels.

EMPLOYMENT DETAILS

- Working with M/s Hindustan Construction Company as Project Director-Group Project Manager and successfully handled Prestigious T-49A,T-48 & Pir Panjal Projects in J&K since Feb'2014.Presently heading prestigious EPC 1000 MW Tehri Pump storage Project in Uttarakhand.

Key Deliverables

- Successfully handled following mega projects of the company as Project in Charge with valid Power of attorney and Imprest operation: 1. TEESTA Head Race Tunnel for Teesta V project, 14 km long tunnel (565Cr\$). 2. Rangit-II H.E.Project (66MW) BOT Project in Sikkim.(550 Cr\$). 3. 120MW Sewa HE Project, Maska, J&K.(200Cr\$) 4. 800MW Parbati HE Project(St-II), Kullu, HP(603Cr\$) 5.WIV:Kotli BHEL HEP (195MW) stage-1A,Dev Prayag,Uttarakhand (950Cr\$)
 - Instrumental in conducting safety education programmes for field engineers.
 - Distinction of developing and implementing Construction System for execution and timely Completion of various projects such as Dams, Tunnels, Bridges etc.
 - Efficiently managed the 14 Major projects of the company including Ranganadi Dam & Tunnel, Adavinainar Dam, Kurichu Power House, SLBC lift scheme and Teesta HRT from Head office. Some of the major projects handled are:
- ✓ **DOYANG Hydroelectric Project(75MW), Nagaland,INDIA**
Successfully managed all heavy fabrication works like Gantries, Jumboos, Gye Derrick Crane, EOT Crane Frame & Ribs. Pivotal in Starting work of Spillway and approach Channel Excavation work (Huge excavation 18, 00,000m³); Preparing all required mix designs for Diversion tunnel with clients and Instrumental in completing the Construction

work in record time with Construction of 60 M long 50° inclined shaft for water conductor system, as site In charge.

✓ **SLBC Lift Scheme Project, Andhra Pradesh,INDIA**

Distinction of completing boring of 1440 m long 6m dia tunnel. Successfully started lining with two numbers 8m long gantries and achieved one gantry per day per face per cycle. Worked in very difficult structures of Surge poll and Pump house.

✓ **PARBATI H.E. Project(Stage-II)800MW,Himachal Pradesh,INDIA**

Joined as Project In charge at this project with valid Power of attorney and Powers of operating company's imprest. Instrumental in developing all infrastructures for the project worth Rs 603 Crores. Spearheaded operations for Powerhouse excavation, Penstock tunnels, bottom Adit to inclined pressure shafts, TBM operation for Twin inclined Tunnels, Adit to HRT, HRT construction for 6.693 km and Construction of 21km road to HRT.

✓ **SEWA Hydroelectric Project(120MW),J&K,INDIA**

Played a stellar role in construction of Concrete gravity DAM 53m high and crest width 114m, including upstream and D/s coffer dams. .6m dia HRT 10.02Km long including 4 construction Adits.(HRT boring approx.1km completed and opened all Adits and maximum progress achieved with single boom drill jumbo per face is 9m/day). Operation started at Intake structures, Desilting chambers, Silt flushing tunnels etc. Diversion Tunnel 6m dia 298m long (completed with jack hammers in two and half months).Diverted the Sewa river in record time of 8months.

✓ **Teesta Hydroelectric Project St-V(510MW),Sikkim,INDIA**

Successfully completed 14 Km long tunnel with 9.5m finished dia ahead of schedule.Played a stellar role in Clearing the two major cavities successfully thus completed the targets one year ahead of schedule. Latest technology adopted and innovation done for successful completion. Successfully Completed the Boring, overt and invert concrete lining, Grouting and Drainage holes.

AWARD & Nominations

- Recipient of International Professional of the year-2005 award from IBC Cambridge, England; Bharat Jyoti Award from IIFS, New Delhi; Indira Priyadasini Siromani award from IIFS, New Delhi; Recipient of Glory of India Award & Dr APJ Abdul Kalam Azad excellence Award. Member of ITA **Work Group-5** on Health and Safety

ITA World Tunnel Congress attended and papers presented

- **WTC 2002** and 28th General Assembly @ Sydney
- **WTC 2008** and 34th General Assembly, Agra-India and presented the paper on Teesta Head Race Tunnel: Innovative approach
- **WTC 2009** and 35th General assembly@ Budapest, Hungary and presented a paper.
- **WTC 2010** and 36th General Assembly @ Vancouver, Canada and presented Paper on Sewa HRT and **represented India in ITA General Assembly as voting member.**
- **WTC 2012** and 38th General Assembly @ Queen Sirikit Auditorium, Bangkok, Thailand and presented paper on Shotcrete and Grouting.
- **WTC 2013** and 39th General Assembly, Geneva, Switzerland. and presented paper on Inclined Tunnelling by TBM for Parbati HEP
- **WTC 2014** and 40th General Assembly held @ Brazil and presented paper on Optimization of orientation of underground power House for Ratle HE Project, Kistwar,J&K. Also represented India in General assembly as official voting member.
- **WTC 2015** and 41st General Assembly held @ Dubrovnik, Croatia and presented paper Construction of Railway Tunnels in highly adverse geological conditions using NATM-A case study".
- **WTC 2016** and 42nd General Assembly held at San Francisco and presented paper "Challenges of conventional Tunnelling-A case study". Also represented Tunnelling Association of India in the General Assembly as voting member.

Guest Faculty

- NICMAR, GAMMON Training Center, TAI and CBIP and Great Lakes Institute of Management and Research, New Delhi